LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

Signal : TIC: BM038996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.981	448	458	464	rBV	140396	224956	0.29%	0.062%
2	7.140	648	655	661	rVV2	287772	481127	0.61%	0.133%
3	7.310	678	684	691	rBV	1207288	1859720	2.37%	0.515%
4	7.510	706	718	728	rBV	1024373	1594116	2.03%	0.441%
5	7.634	733	739	745	rVV	263553	426361	0.54%	0.118%
6	7.705	745	751	758	rVB	187868	300827	0.38%	0.083%
7	7.987	791	799	807	rBV	1189148	1862975	2.38%	0.515%
8	8.099	813	818	826	rVB	160471	255065	0.33%	0.071%
9	8.363	855	863	871	rBV	1059276	1634052	2.08%	0.452%
10	8.528	876	891	900	rVV	3713384	5915132	7.55%	1.637%
11	8.693	912	919	929	rVB	826315	1291266	1.65%	0.357%
12	9.152	991	997	1007	rVV	1377731	2419728	3.09%	0.670%
13	9.351	1022	1031	1039	rBV	282951	459184	0.59%	0.127%
14	9.475	1039	1052	1058	rBV	635598	1333905	1.70%	0.369%
15	9.534	1058	1062	1068	rVB	163650	256925	0.33%	0.071%
16	9.875	1111	1120	1127	rBV	1029129	1704293	2.17%	0.472%
17	10.046	1144	1149	1160	rVB2	182464	343571	0.44%	0.095%
18	10.199	1168	1175	1185	rBV3	395662	961914	1.23%	0.266%
19	10.299	1185	1192	1197	rBV	205829	428759	0.55%	0.119%
20	10.416	1205	1212	1221	rBV	1543197	2640992	3.37%	0.731%
21	10.804	1269	1278	1281	rBV	1506222	2766725	3.53%	0.766%
22	10.875	1281	1290	1296	rVB2	35678765	78377333	100.00%	21.687%
23	10.975	1301	1307	1316	rVV	5437965	9283098	11.84%	2.569%
24	11.175	1333	1341	1345	rVV2	128000	247564	0.32%	0.069%
25	11.910	1459	1466	1475	rBV	512637	888446	1.13%	0.246%
26	12.351	1534	1541	1550	rVV	570721	961451	1.23%	0.266%
27	12.457	1550	1559	1565	rVV	5048020	7657989	9.77%	2.119%
28	12.575	1573	1579	1584	rVV	305740	540205	0.69%	0.149%
29	12.681	1585	1597	1605	rVV	8631438	14001569	17.86%	3.874%
30	12.816	1615	1620	1637	rVV	228378	405461	0.52%	0.112%
31	13.098	1661	1668	1677	rVB	319559	607408	0.77%	0.168%
32	13.322	1698	1706	1718	rBV	283545	543864	0.69%	0.150%
33	13.463	1721	1730	1737	rVV	3767085	5374110	6.86%	1.487%
34	13.657	1757	1763	1774	rVV2	466205	1217737	1.55%	0.337%
35	13.804	1775	1788	1795	rVV4	478943	1292272	1.65%	0.358%
36	13.945	1805	1812	1817	rVV	878439	1520247	1.94%	0.421%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

37	13.998	1817	1821	1823	rVV	462076	641650	0.82%	0.178%
38	14.039	1823	1828	1838	rVV	3657839	5226213	6.67%	1.446%
39	14.181	1847	1852	1856	rVV	323425	517851	0.66%	0.143%
40	14.322	1869	1876	1886	rBV2	3931654	6581796	8.40%	1.821%
41	14.628	1917	1928	1933	rBV2	2785416	4716579	6.02%	1.305%
42	14.692	1933	1939	1945	rVV	18352821	27290008	34.82%	7.551%
43	14.757	1945	1950	1955	rVV	5500547	8022235	10.24%	2.220%
44	14.810	1955	1959	1970	rVV2	425401	743975	0.95%	0.206%
45	14.904	1970	1975	1977	rVV2	149939	243164	0.31%	0.067%
46	14.933	1977	1980	1984	rVV	253284	377890	0.48%	0.105%
47	15.028	1989	1996	2003	rVV2	11769644	18192769	23.21%	5.034%
48	15.104	2003	2009	2014	rVV	350429	548451	0.70%	0.152%
49	15.163	2014	2019	2024	rVV	369250	512973	0.65%	0.142%
50	15.245	2024	2033	2037	rVB4	132369	303816	0.39%	0.084%
51	15.551	2080	2085	2090	rBV4	237282	493848	0.63%	0.137%
52	15.616	2090	2096	2101	rVV	5291261	7728398	9.86%	2.138%
53	15.675	2101	2106	2111	rVV	9187955	12953717	16.53%	3.584%
54	15.728	2111	2115	2123	rVV	1941378	2955880	3.77%	0.818%
55	15.792	2123	2126	2130	rVV	435710	689857	0.88%	0.191%
56	15.833	2130	2133	2139	rVV4	275098	541165	0.69%	0.150%
57	15.886	2139	2142	2145	rVV3	146807	244968	0.31%	0.068%
58	15.922	2145	2148	2151	rVV3	261163	377982	0.48%	0.105%
59	15.963	2151	2155	2162	rVV3	607538	956125	1.22%	0.265%
60	16.110	2175	2180	2189	rVV2	746390	1469428	1.87%	0.407%
61	16.204	2191	2196	2207	rVB3	86116	210983	0.27%	0.058%
62	16.345	2213	2220	2226	rBV	2301377	3297301	4.21%	0.912%
63	16.516	2245	2249	2256	rBV2	187901	317008	0.40%	0.088%
64	16.628	2263	2268	2273	rBV3	225319	494668	0.63%	0.137%
65	16.669	2273	2275	2281	rVV	209627	308132	0.39%	0.085%
66	17.022	2323	2335	2342	rBV	2521556	3822665	4.88%	1.058%
67	17.186	2355	2363	2368	rVV	709051	1127219	1.44%	0.312%
68	17.239	2368	2372	2382	rVV4	237201	733724	0.94%	0.203%
69	17.322	2382	2386	2389	rVV2	219772	311466	0.40%	0.086%
70	17.369	2389	2394	2398	rVV	3520233	5322137	6.79%	1.473%
71	17.416	2398	2402	2406	rVV	5804826	8306399	10.60%	2.298%
72	17.469	2406	2411	2416	rVV	6307584	8958519	11.43%	2.479%
73	17.504	2416	2417	2422	rVV2	549257	500232	0.64%	0.138%
74	17.569	2423	2428	2433	rVB2	304040	459980	0.59%	0.127%
75	17.780	2452	2464	2470	rBV	19096158	29649035	37.83%	8.204%
76	17.857	2474	2477	2485	rVV5	187816	460318	0.59%	0.127%

LSC Area Percent Report

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Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Title : SVOA CALIBRATION

77	17.927	2485	2489	2495	rVV	389706	592203	0.76%	0.164%
78	18.027	2503	2506	2510	rVV2	233096	424751	0.54%	0.118%
79	18.074	2510	2514	2518	rVV	316862	472378	0.60%	0.131%
80	18.116	2518	2521	2527	rVV4	103533	218801	0.28%	0.061%
81	18.204	2532	2536	2541	rVV	407827	626575	0.80%	0.173%
82	18.251	2541	2544	2546	rVV	155762	237334	0.30%	0.066%
83	18.292	2546	2551	2556	rVV	1443066	2079161	2.65%	0.575%
84	18.363	2560	2563	2570	rVV	257027	375116	0.48%	0.104%
85	18.445	2570	2577	2581	rVV3	482952	840975	1.07%	0.233%
86	18.522	2585	2590	2592	rBV	296119	421523	0.54%	0.117%
87	18.545	2592	2594	2598	rVV2	333888	550772	0.70%	0.152%
88	18.592	2598	2602	2605	rVV	715368	1034909	1.32%	0.286%
89	18.621	2605	2607	2611	rVV	218554	288220	0.37%	0.080%
90	18.680	2612	2617	2623	rVV2	870404	1352230	1.73%	0.374%
91	18.733	2623	2626	2631	rVV2	341650	515591	0.66%	0.143%
92	18.786	2631	2635	2639	rVV2	187023	266708	0.34%	0.074%
93	19.251	2708	2714	2719	rBV4	134716	341858	0.44%	0.095%
94	19.421	2735	2743	2750	rVB	561049	827877	1.06%	0.229%
95	19.757	2794	2800	2821	rBV	7017618	10436943	13.32%	2.888%
96	20.163	2864	2869	2874	rBV	378656	497156	0.63%	0.138%
97	20.227	2875	2880	2887	rBV	819738	1200938	1.53%	0.332%
98	21.551	3100	3105	3115	rBV	4067259	5127436	6.54%	1.419%
99	23.839	3487	3494	3503	rBV2	4616914	8959288	11.43%	2.479%
100	23.998	3514	3521	3533	rVB2	2454286	5015230	6.40%	1.388%

Sum of corrected areas: 361394844

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
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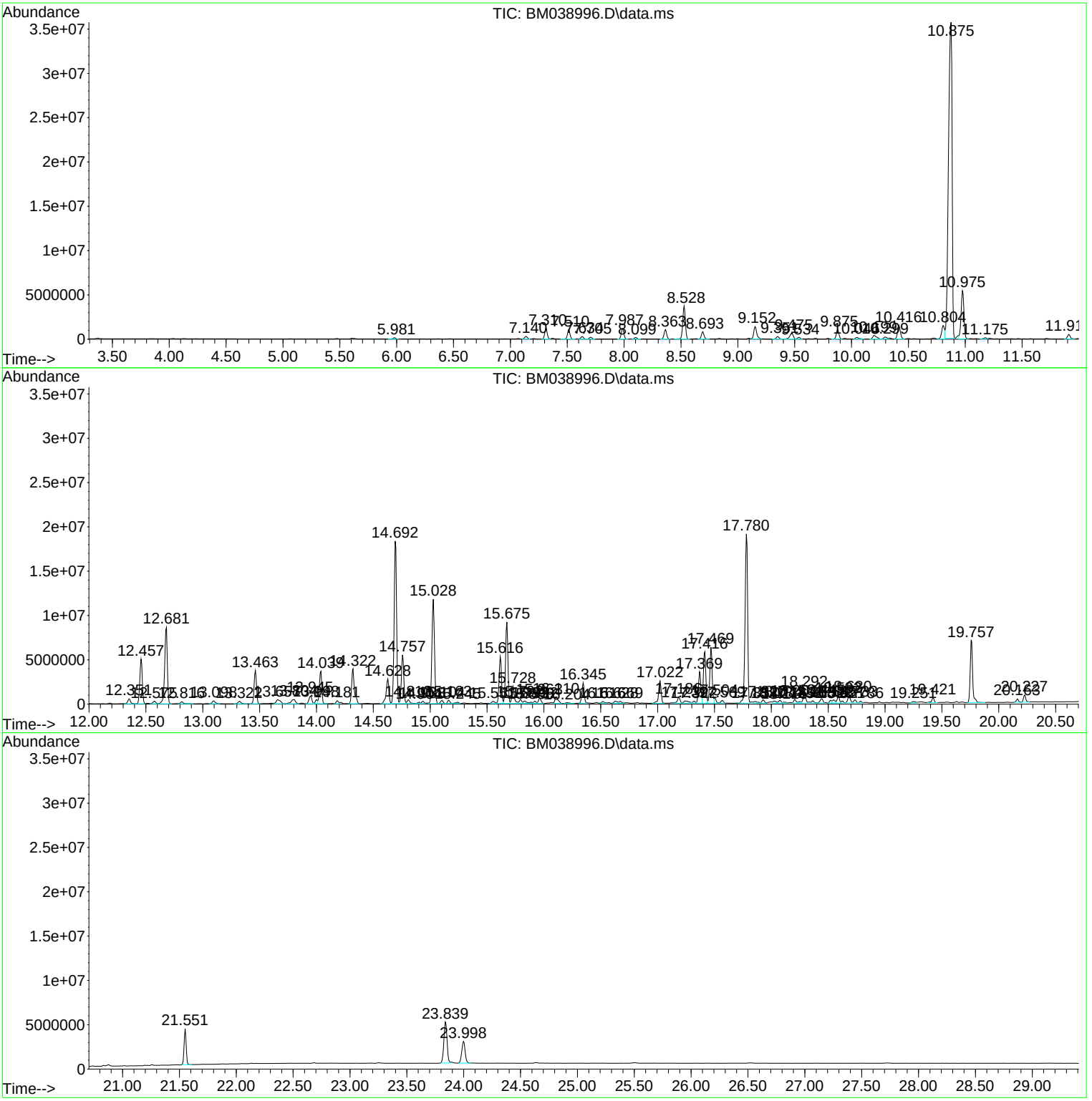
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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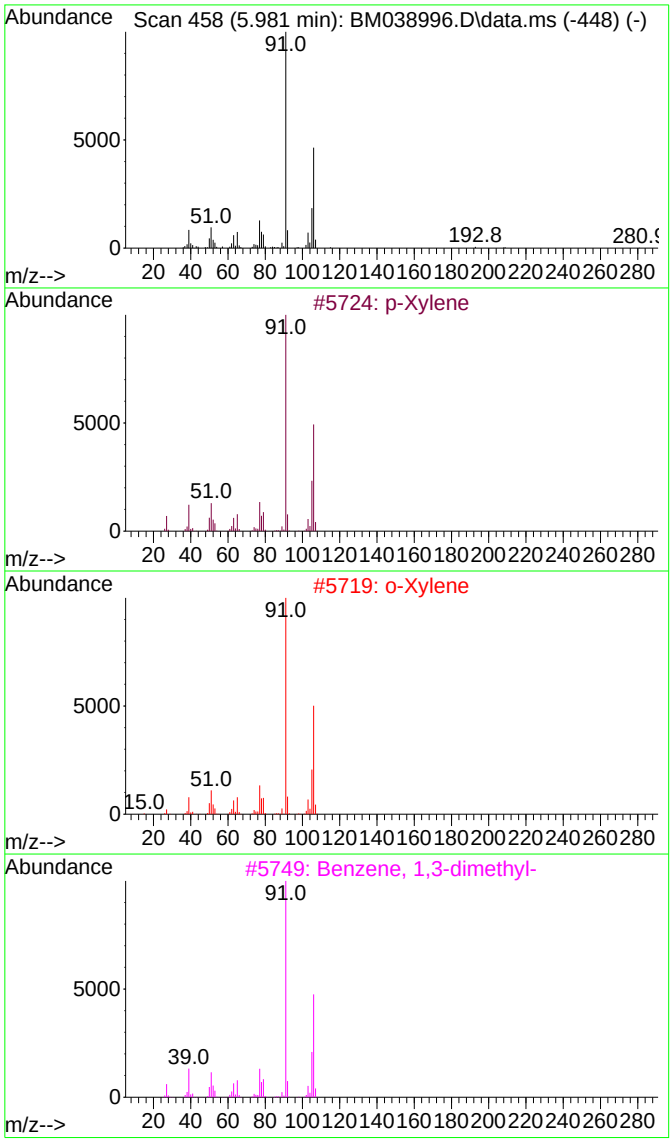
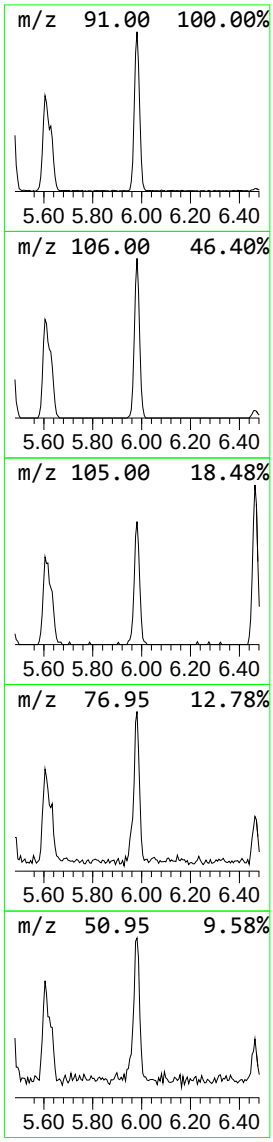
Peak Number 1 p-Xylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	2.42 ng/ul	224956	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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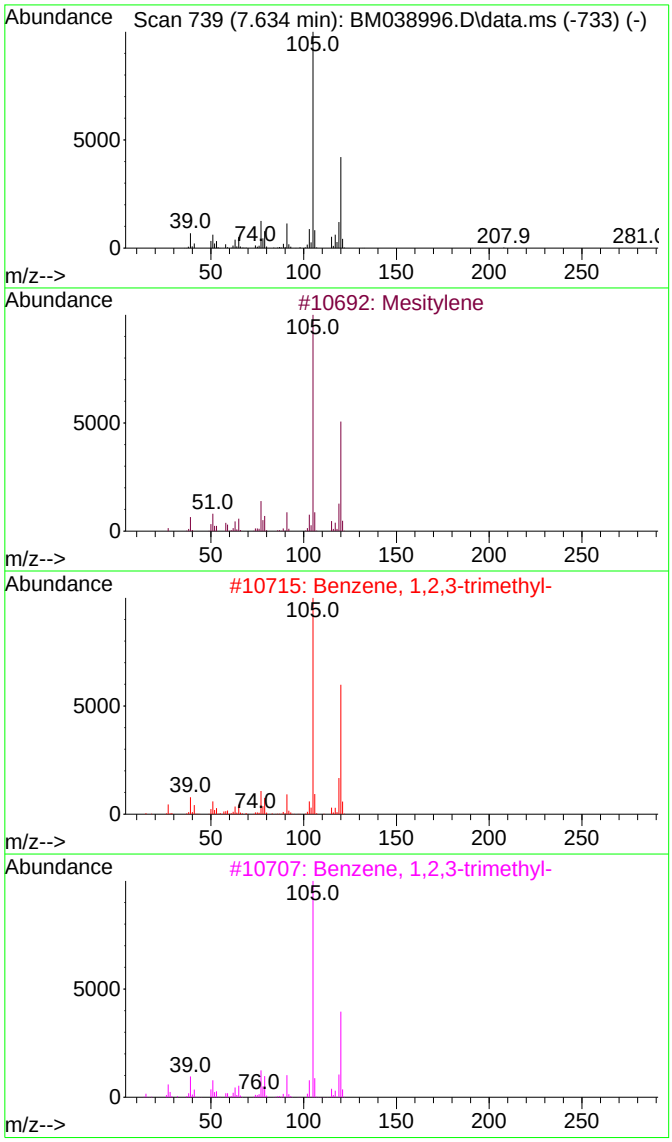
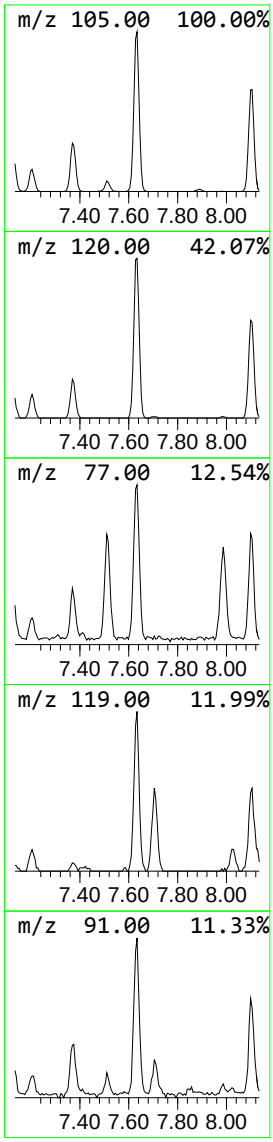
Peak Number 2 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	4.58 ng/ul	426361	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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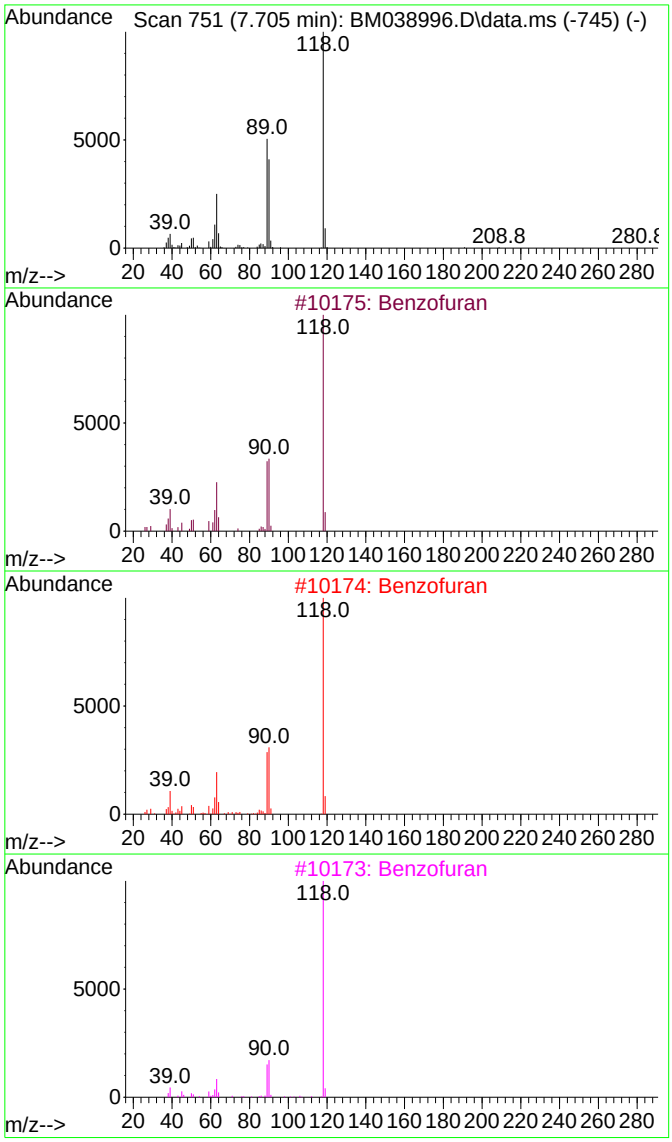
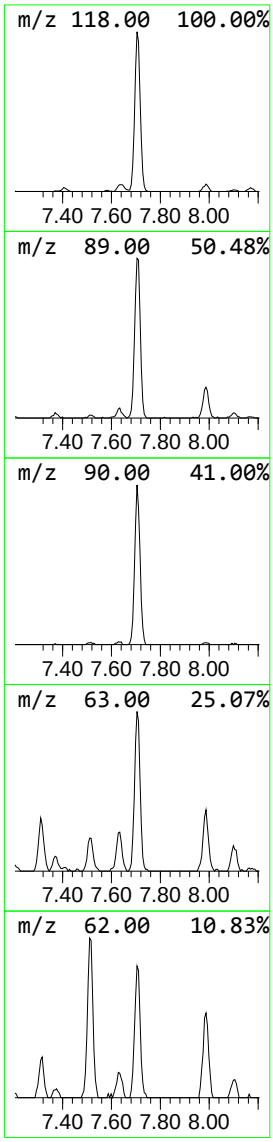
Peak Number 3 Benzofuran Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.705	3.23 ng/ul	300827	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	Coumarin	146	C9H6O2	000091-64-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

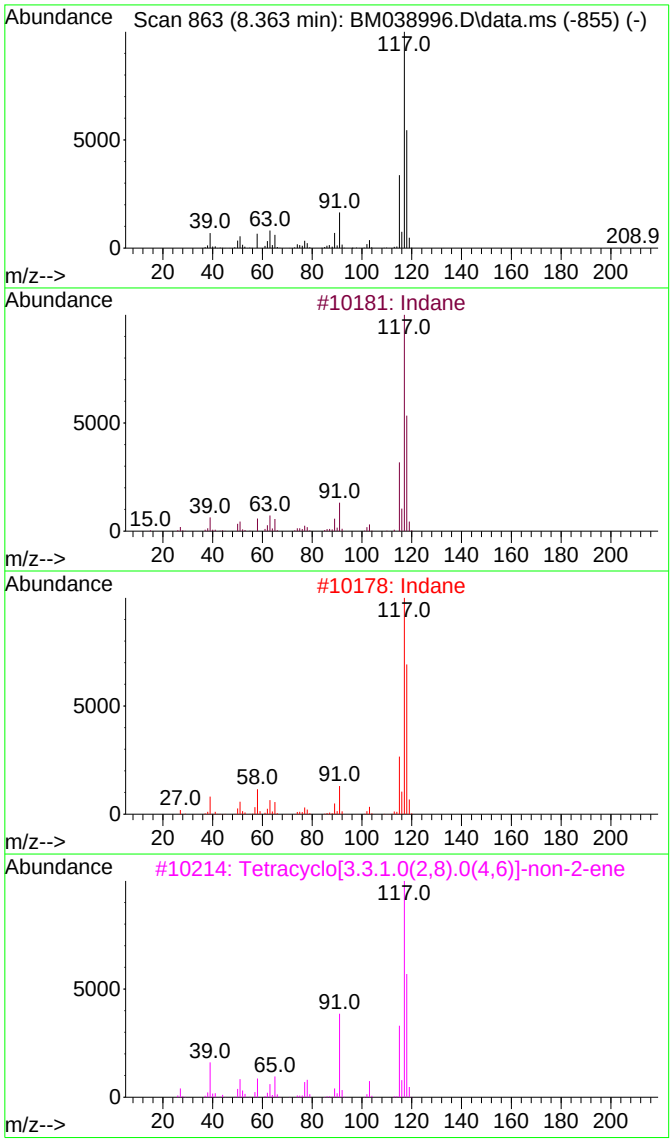
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

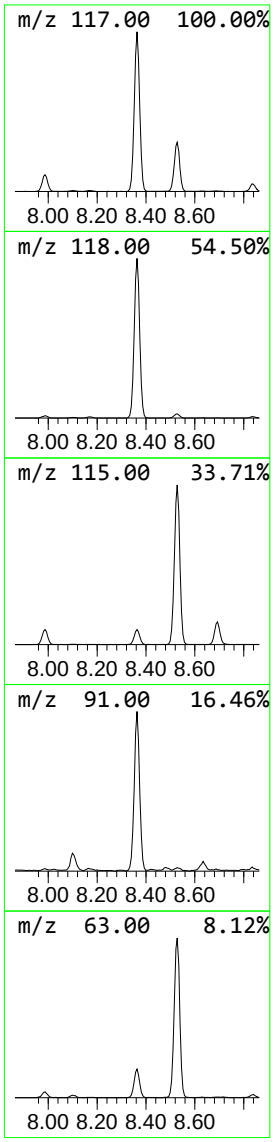
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	17.54 ng/ul	1634050	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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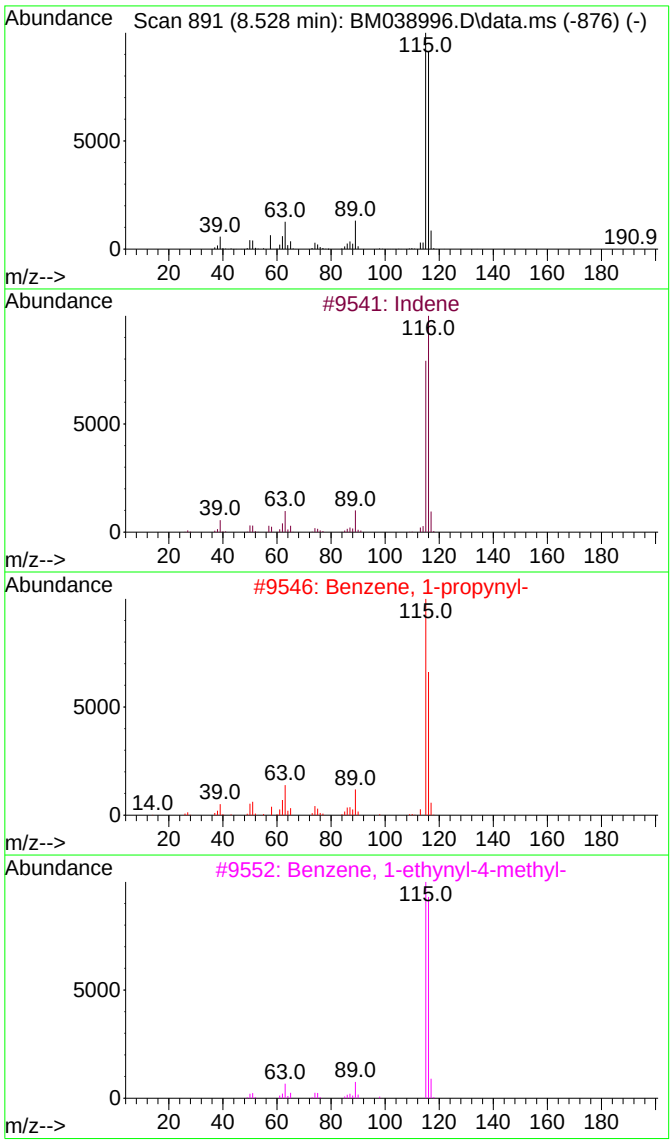
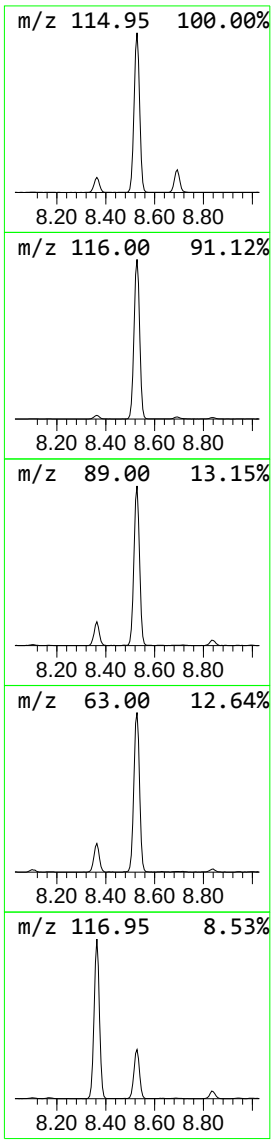
Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	63.50 ng/ul	5915130	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Operator : CG/JU
Sample : 01810-02
Misc :
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Instrument :
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ClientSampleId :
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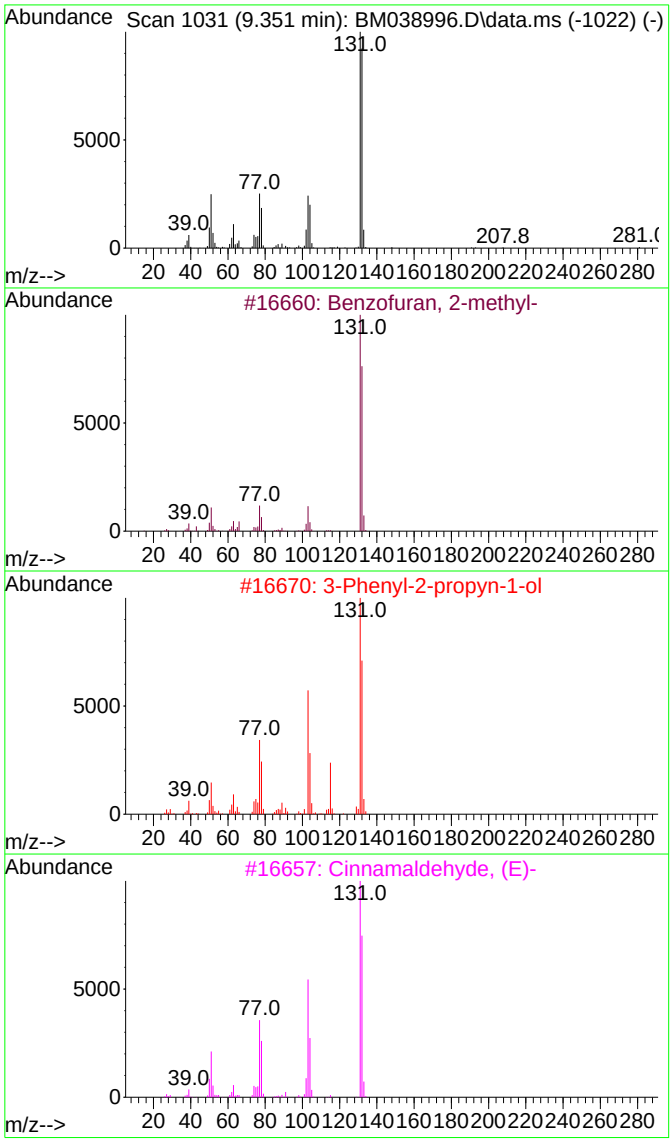
Quant Title : SVOA CALIBRATION

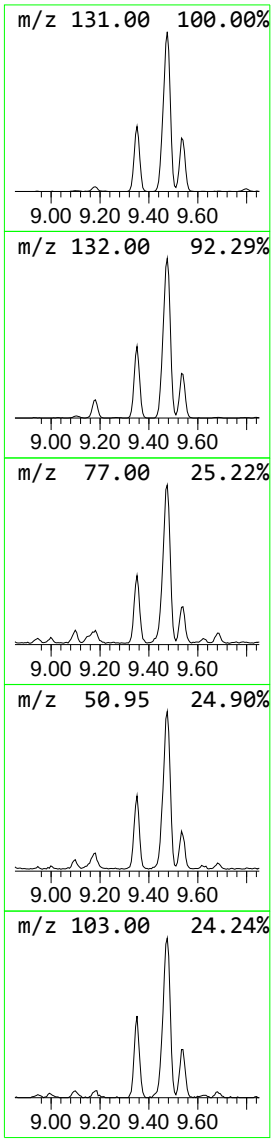
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	4.93 ng/ul	459184	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Sample : 01810-02
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

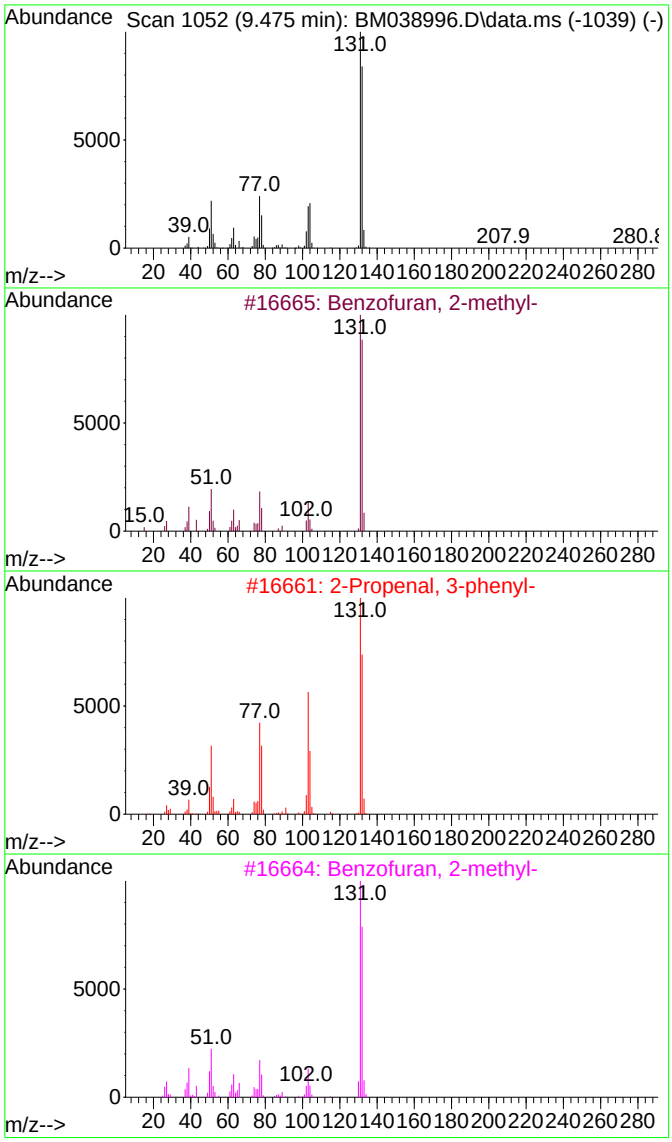
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

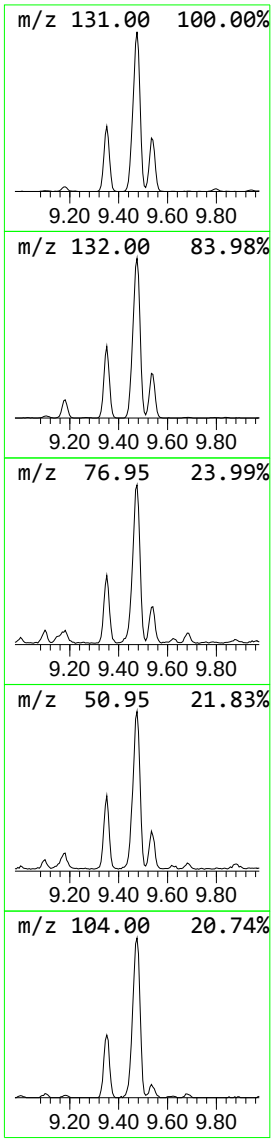
****

Peak Number 8 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	9.64 ng/ul	1333910	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Misc :
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ClientSampleId :
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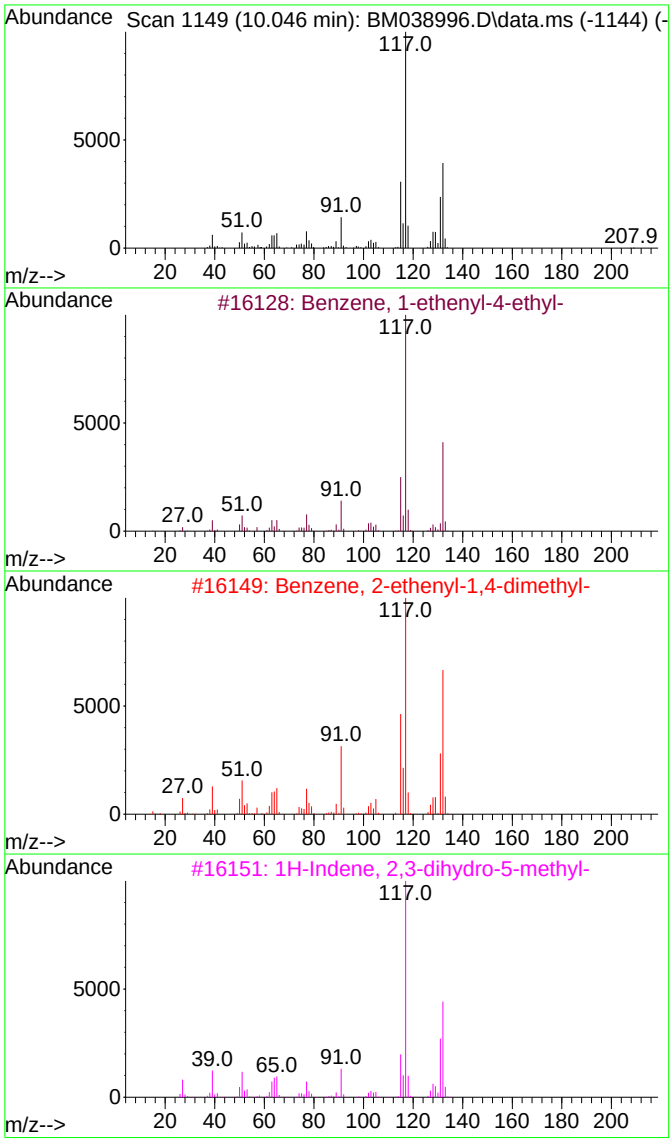
Quant Title : SVOA CALIBRATION

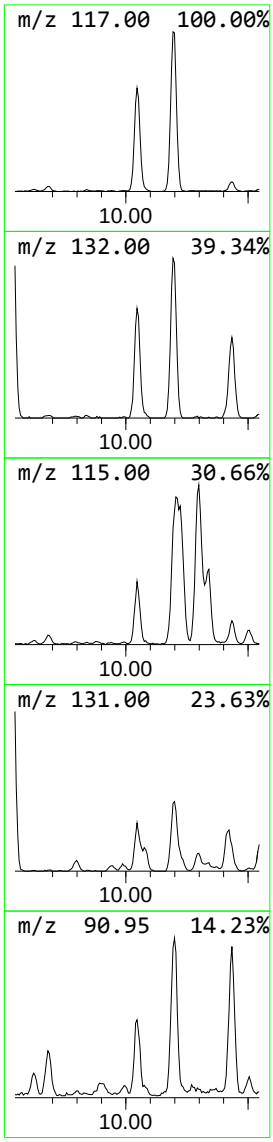
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.046	2.48 ng/ul	343571	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90





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Operator : CG/JU
Sample : 01810-02
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ClientSampleId :
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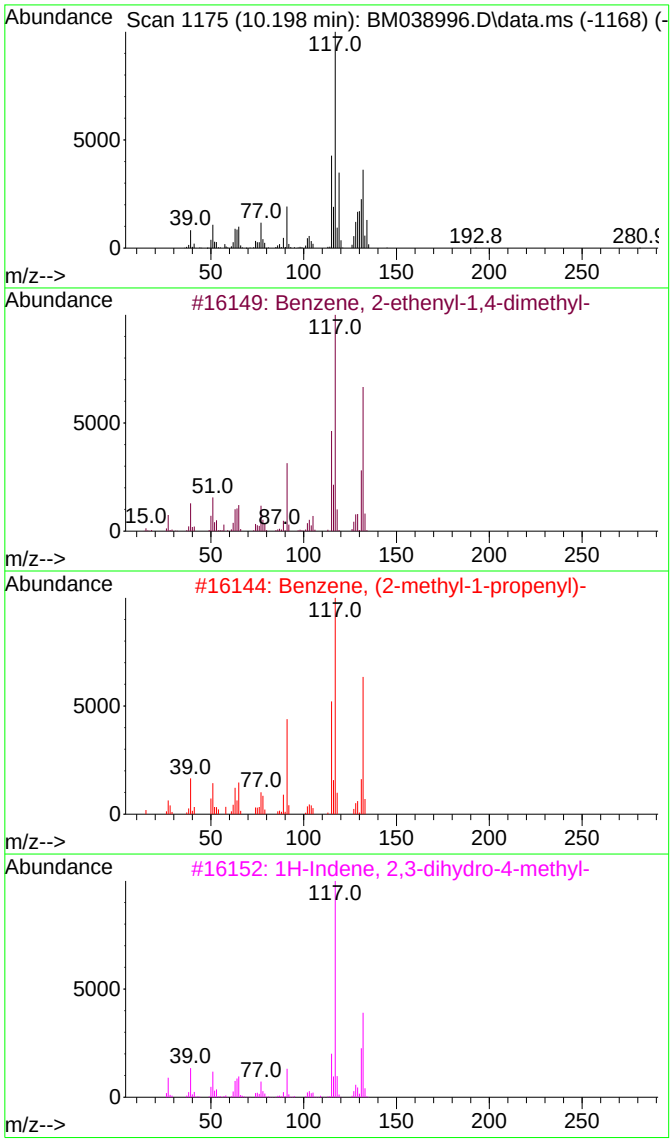
Quant Title : SVOA CALIBRATION

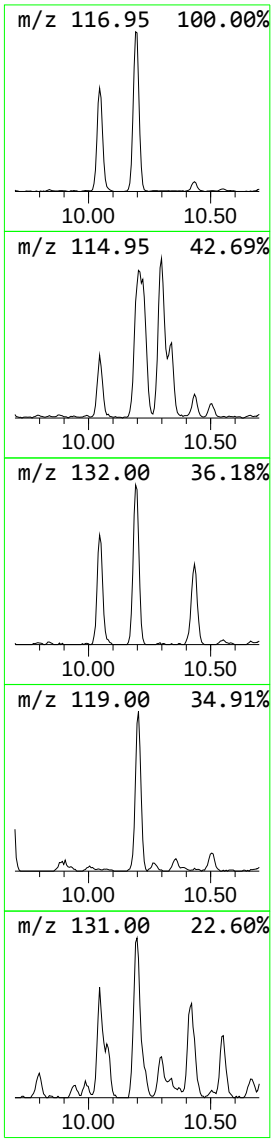
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	6.95 ng/ul	961914	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

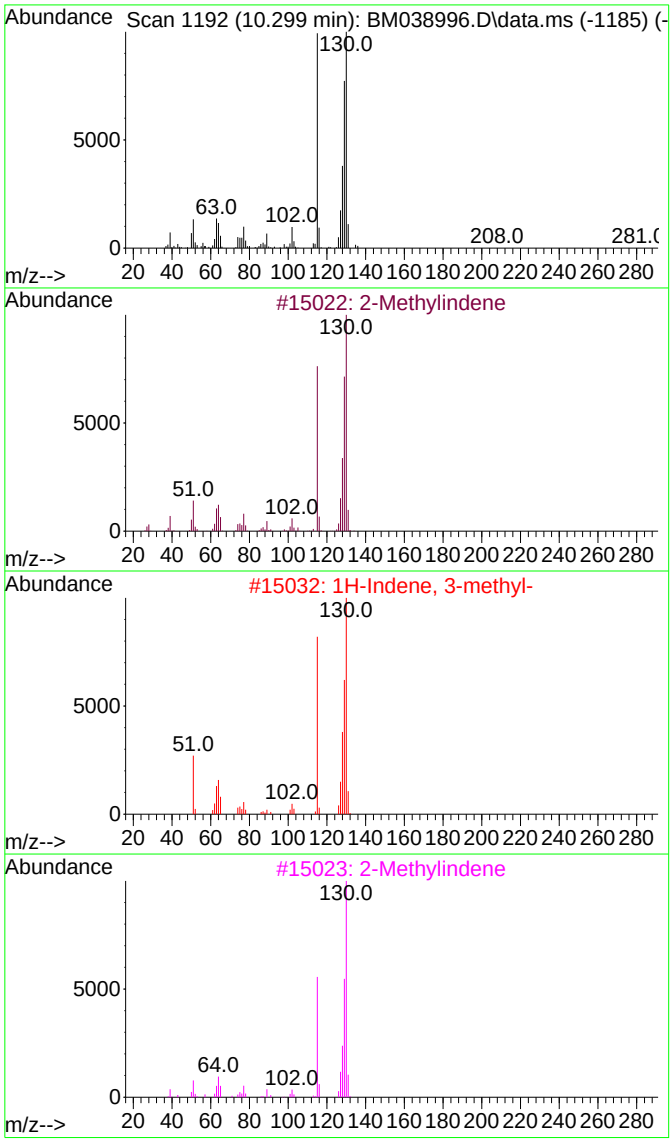
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

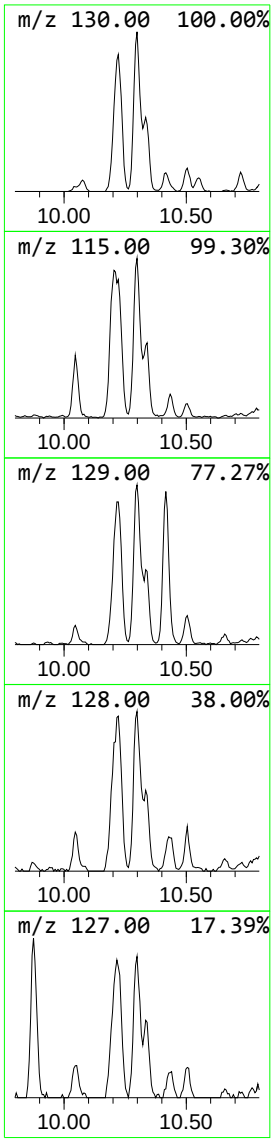
****

Peak Number 11 2-Methylindene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.299	3.10 ng/ul	428759	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95





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ClientSampleId :
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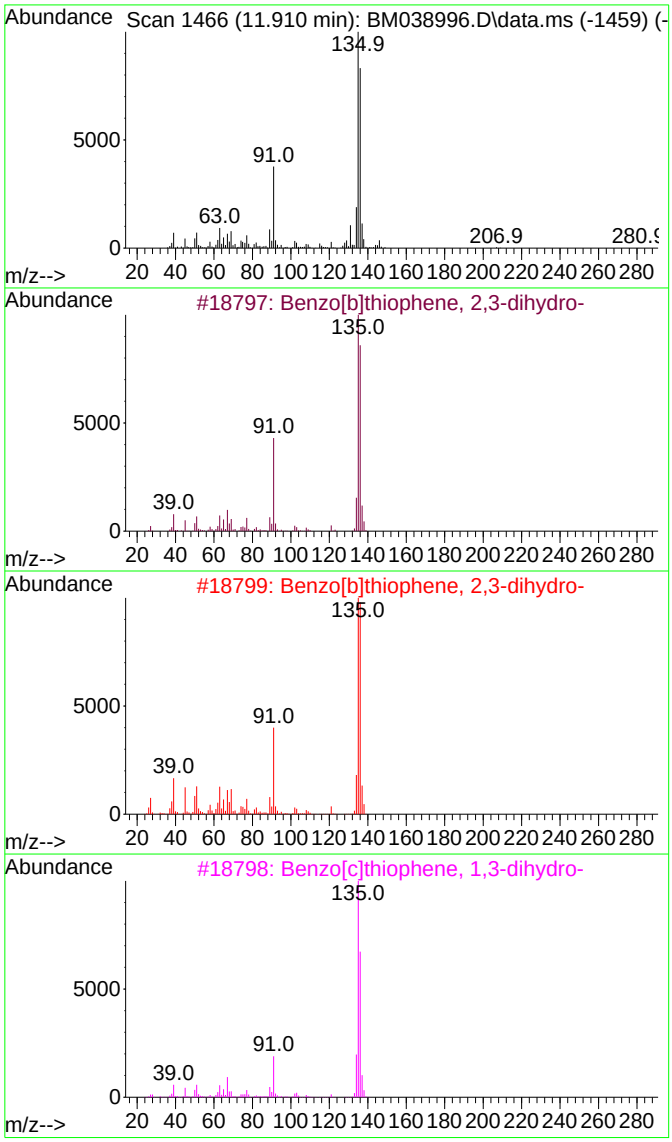
Quant Title : SVOA CALIBRATION

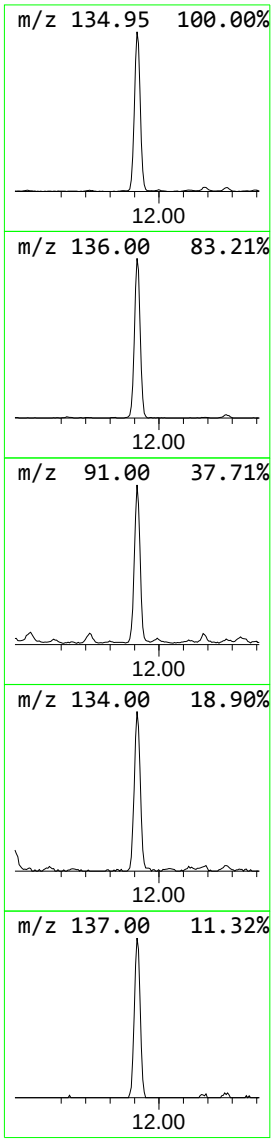
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.42 ng/ul	888446	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	80





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Misc :
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ClientSampleId :
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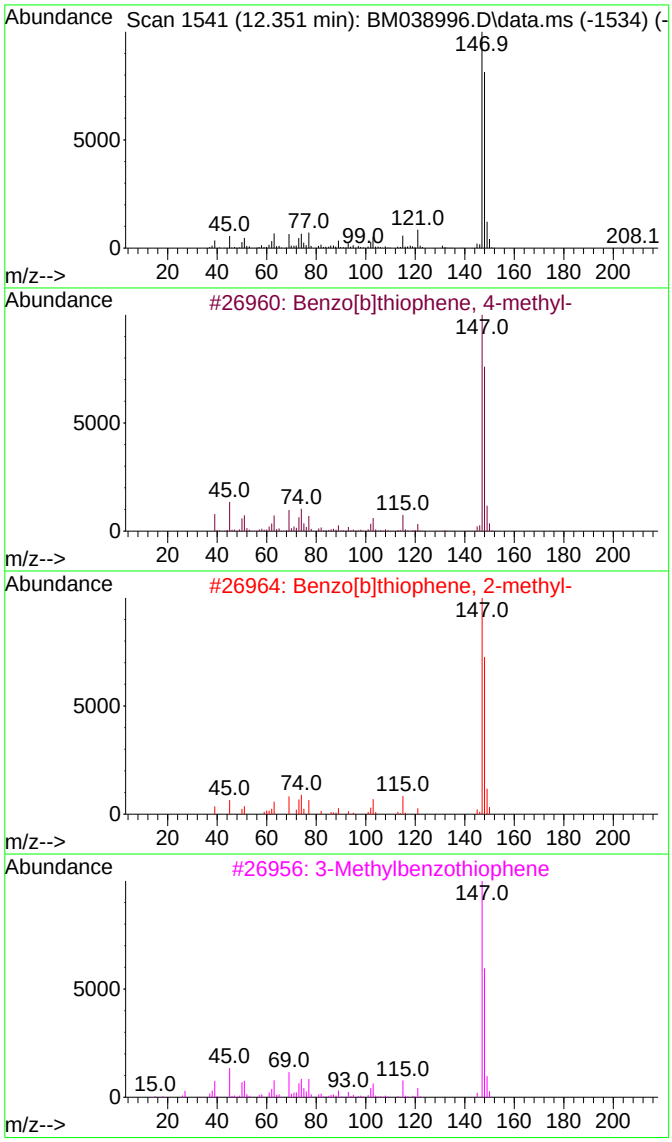
Quant Title : SVOA CALIBRATION

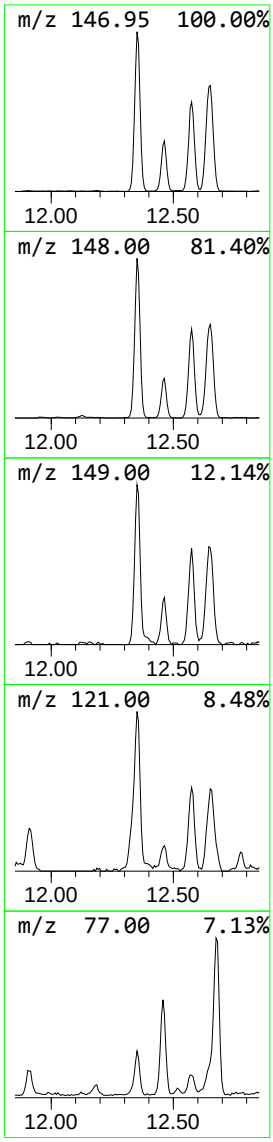
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	6.95 ng/ul	961451	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





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Quant Title : SVOA CALIBRATION

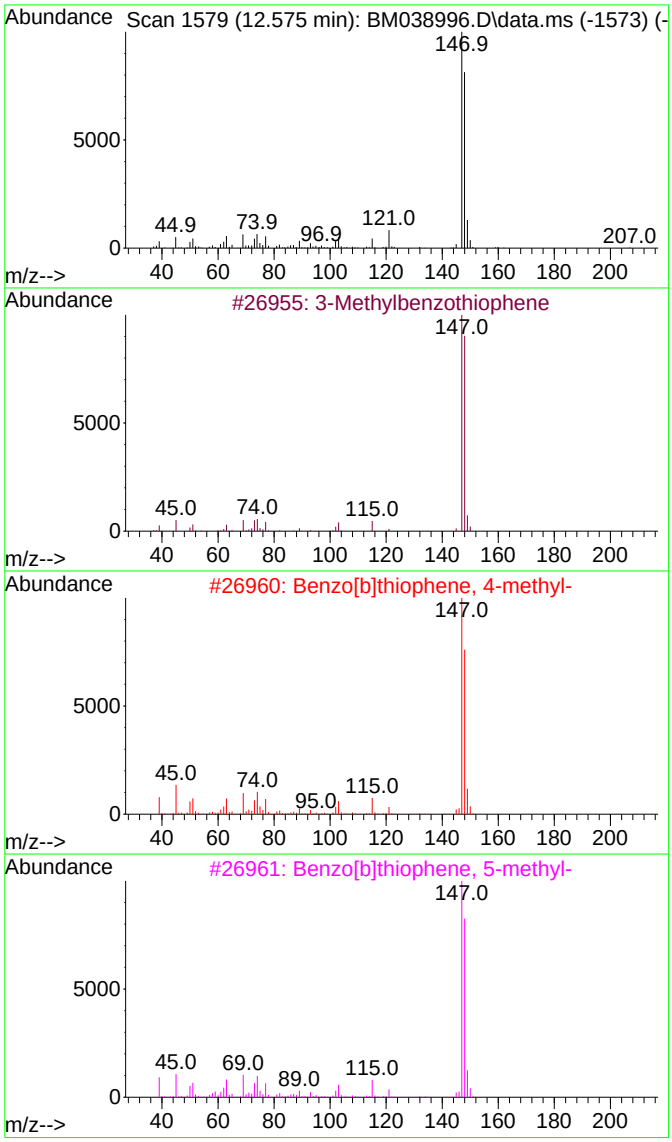
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

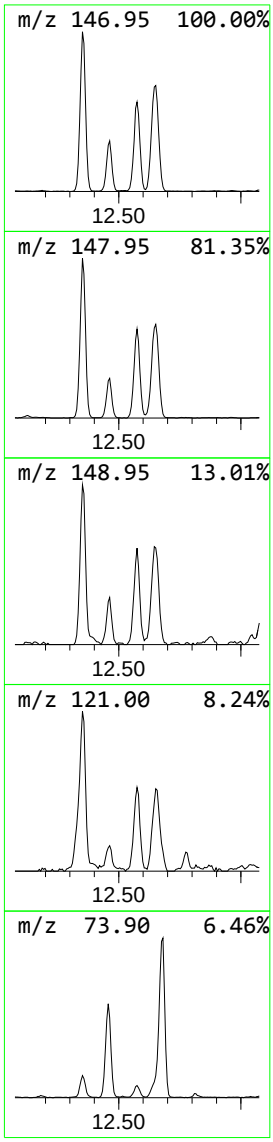
****

Peak Number 14 3-Methylbenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	3.91 ng/ul	540205	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





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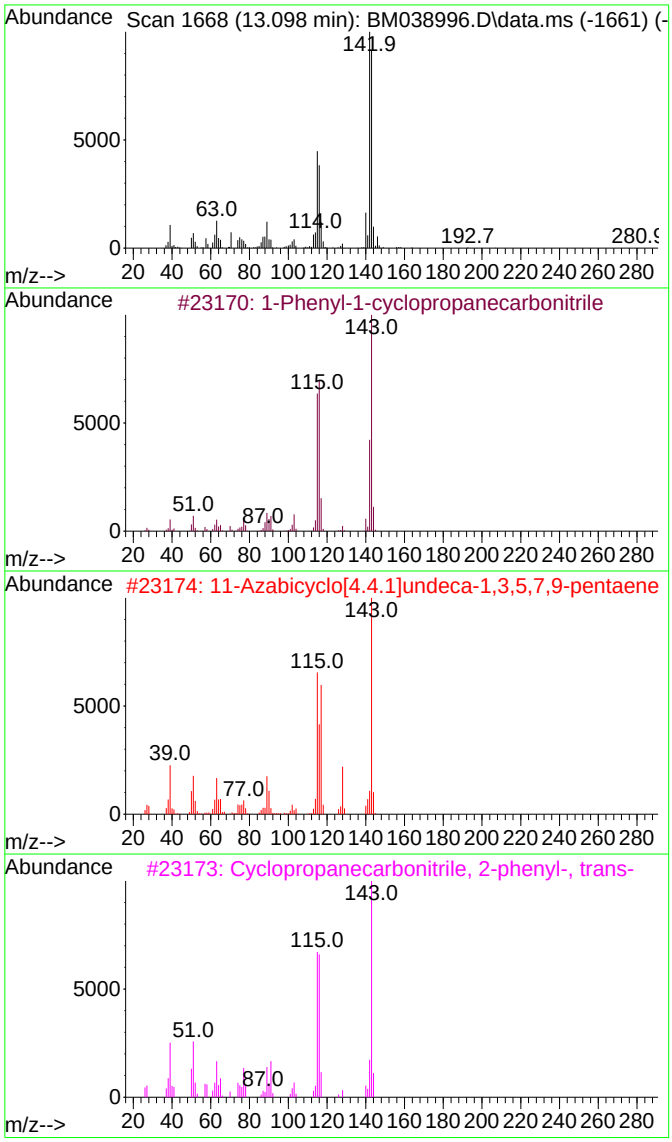
Quant Title : SVOA CALIBRATION

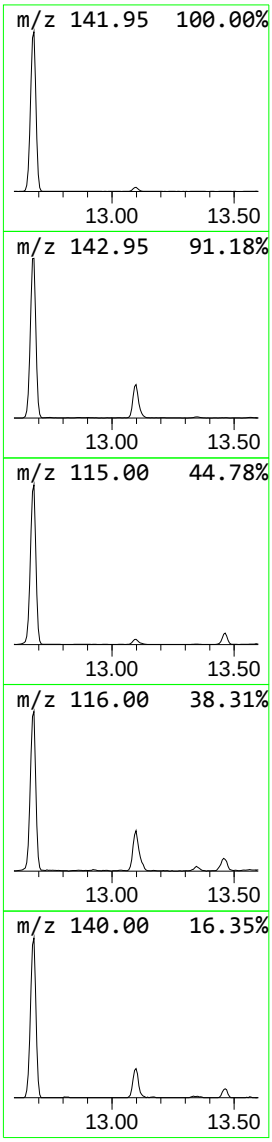
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Phenyl-1-cyclopropanecarb... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.58 ng/ul	607408	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	76
2	11-Azabicyclo[4.4.1]undeca-1,3,5...	143	C10H9N	004753-55-3	64
3	Cyclopropanecarbonitrile, 2-phen...	143	C10H9N	005590-14-7	62
4	1-Naphthalenamine	143	C10H9N	000134-32-7	58
5	1-Naphthalenamine	143	C10H9N	000134-32-7	53





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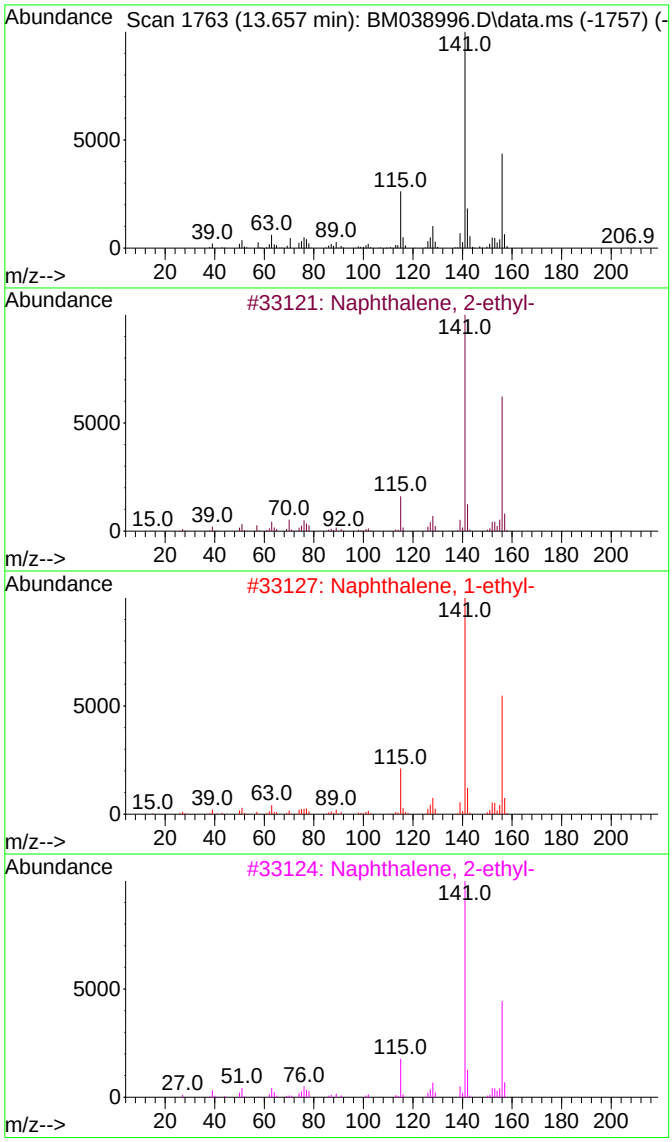
Quant Title : SVOA CALIBRATION

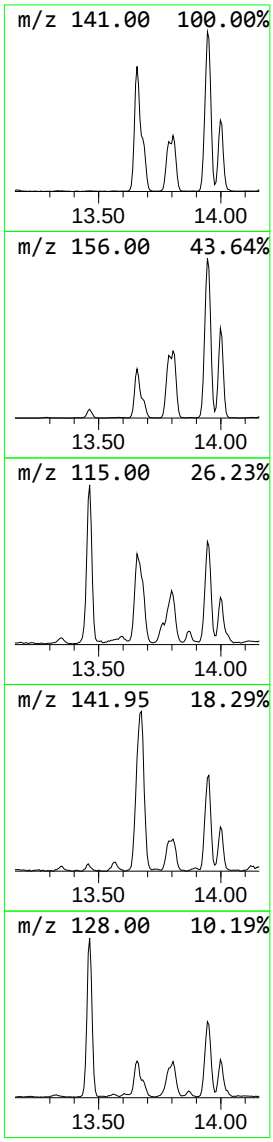
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	5.16 ng/ul	1217740	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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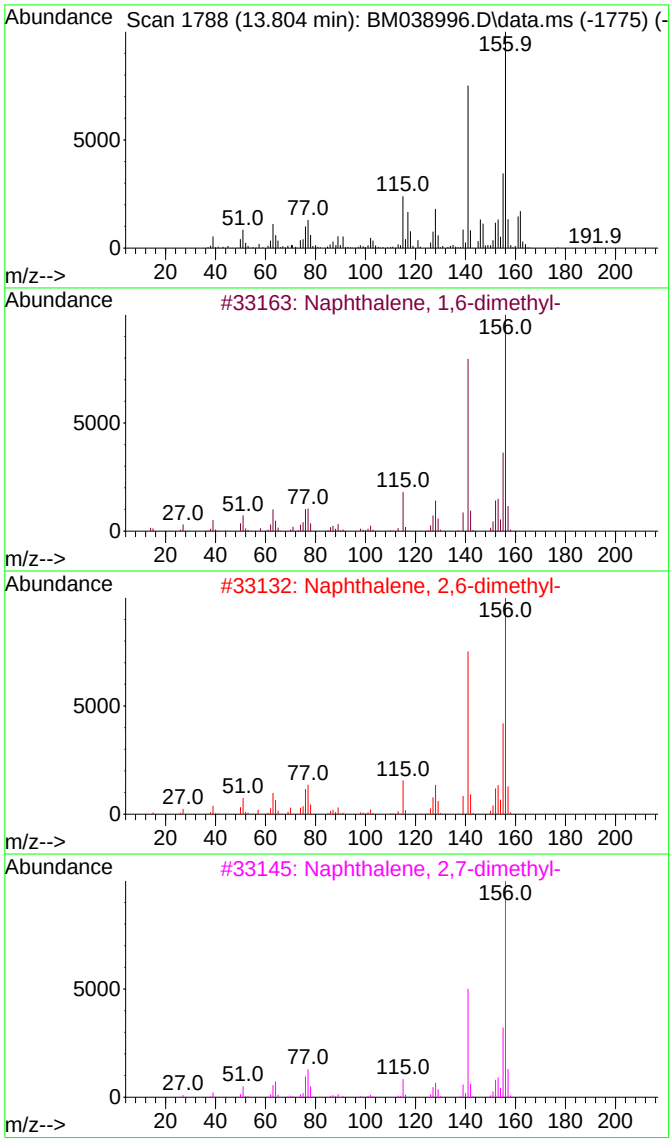
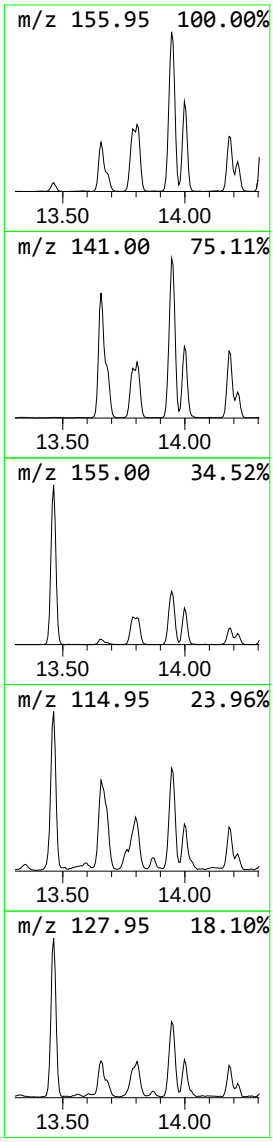
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	5.48 ng/ul	1292270	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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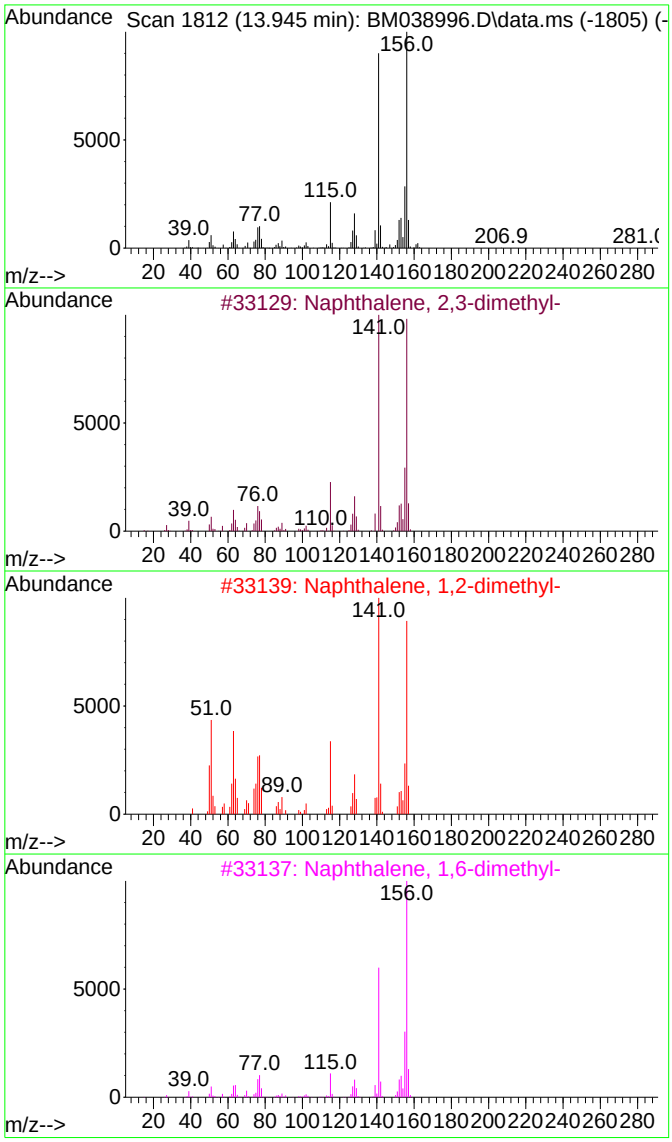
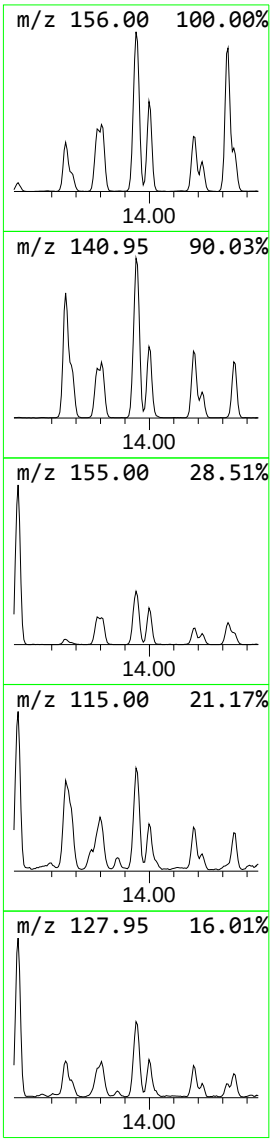
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	6.45 ng/ul	1520250	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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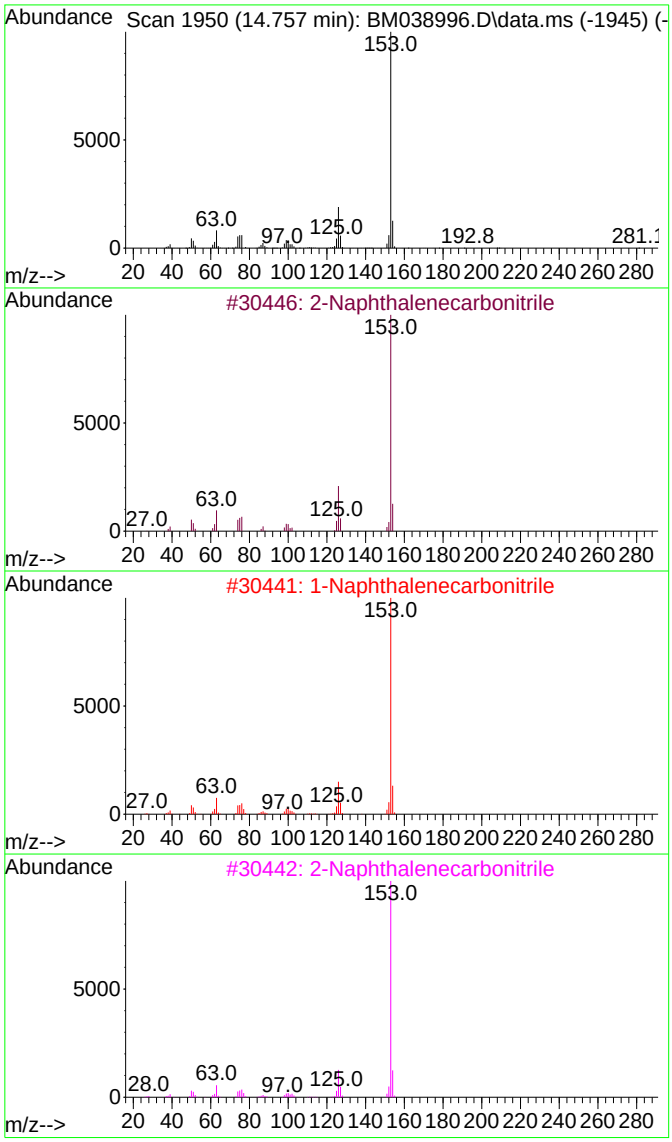
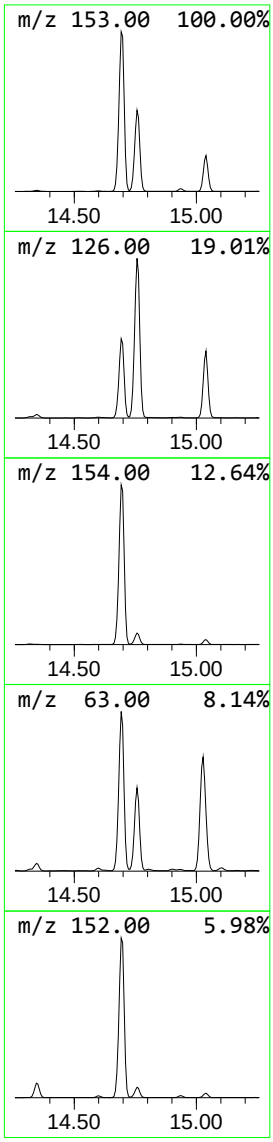
Peak Number 21 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	34.02 ng/ul	8022240	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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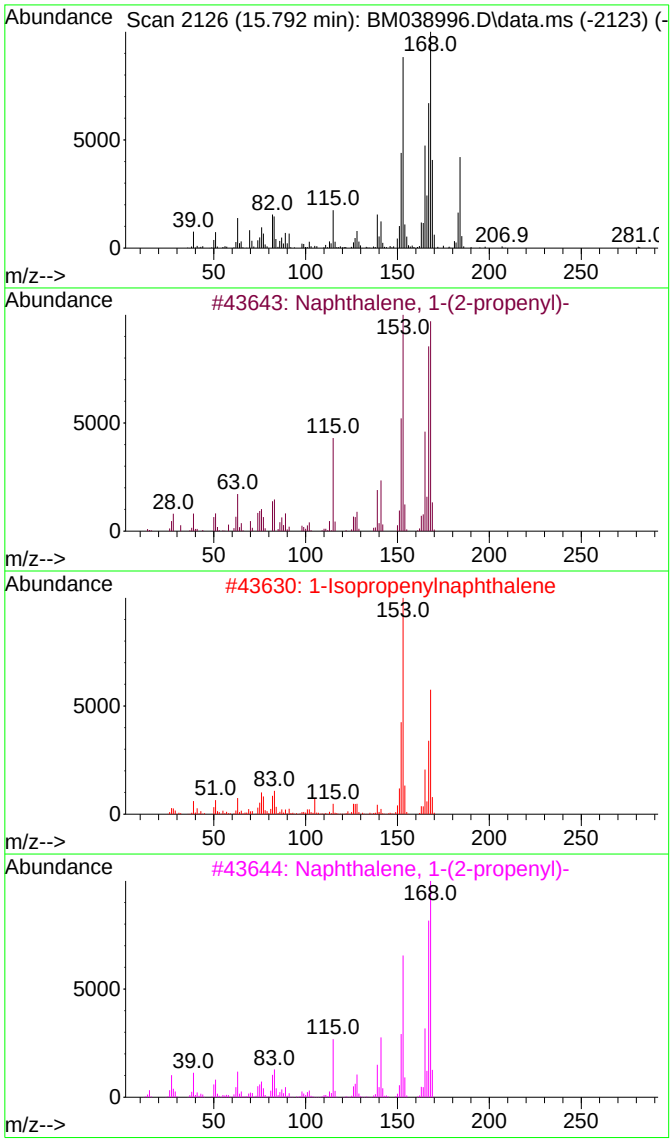
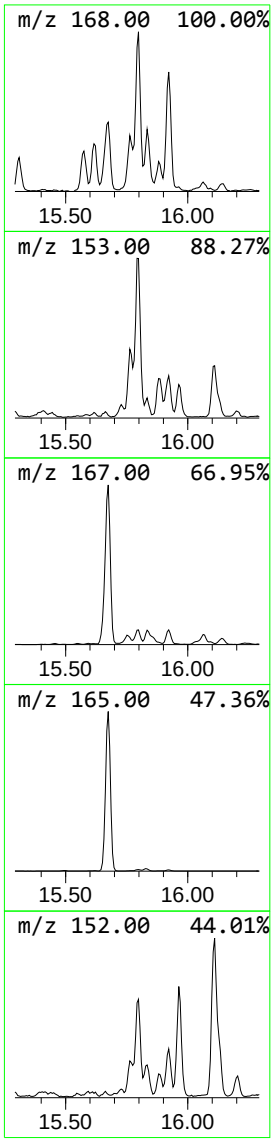
Peak Number 25 Naphthalene, 1-(2-propenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	2.93 ng/ul	689857	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	46





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
DCAF9

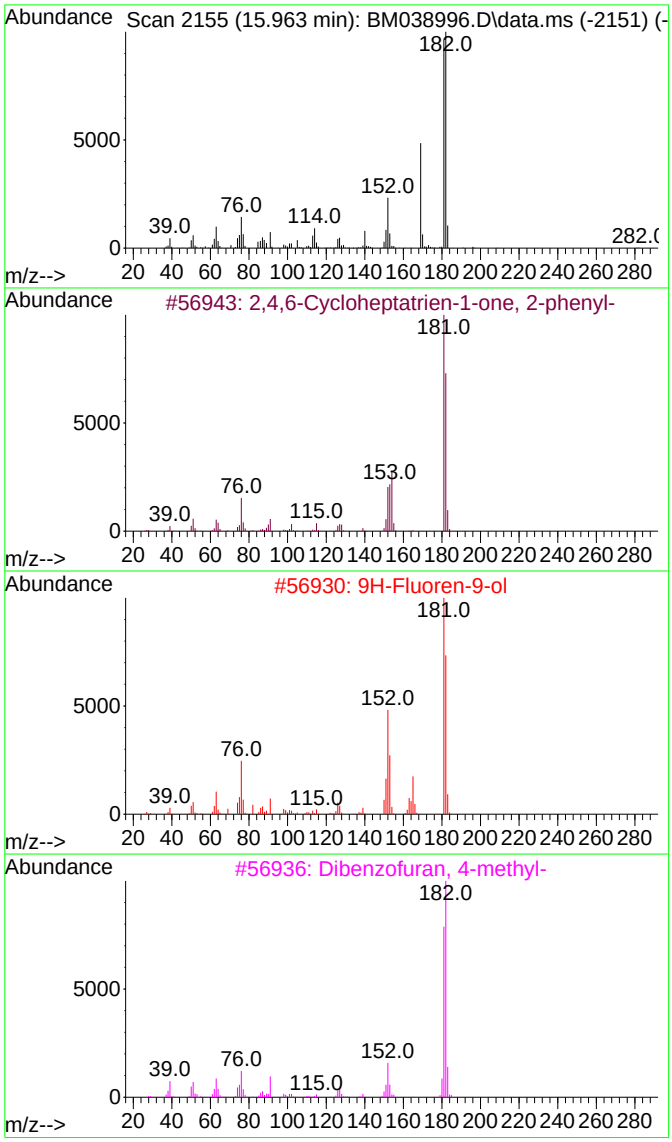
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

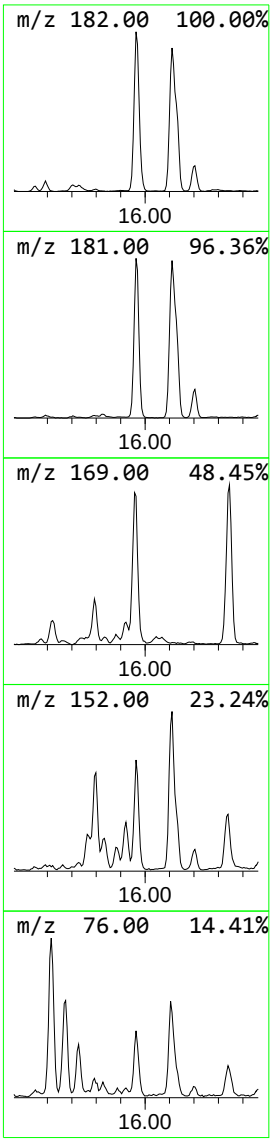
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	4.05 ng/ul	956125	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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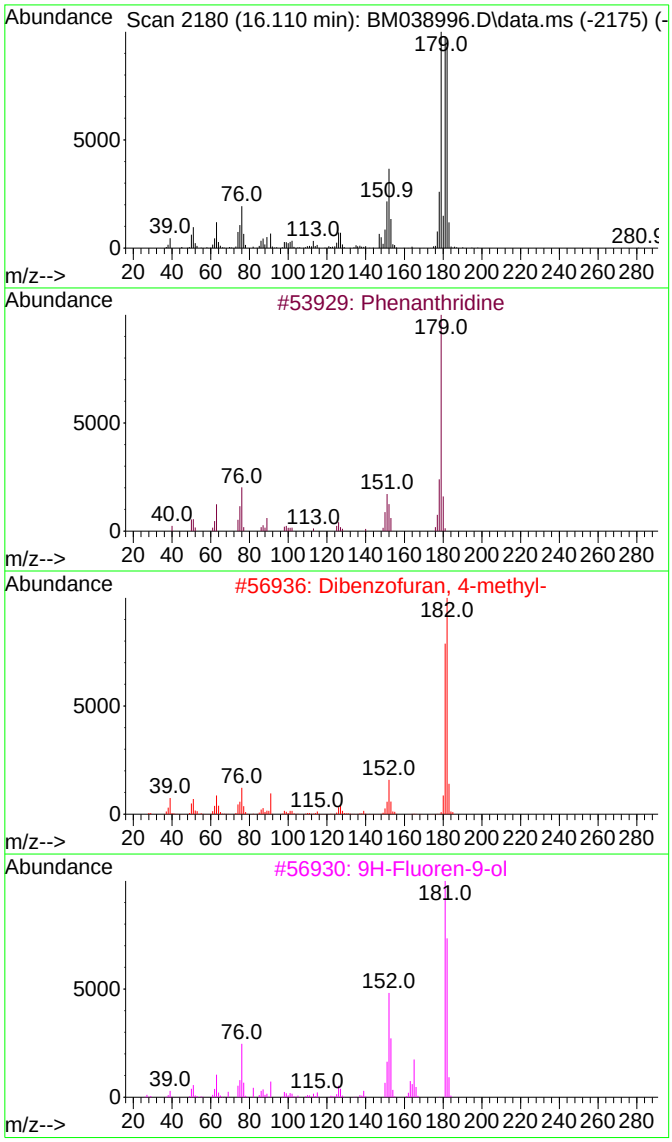
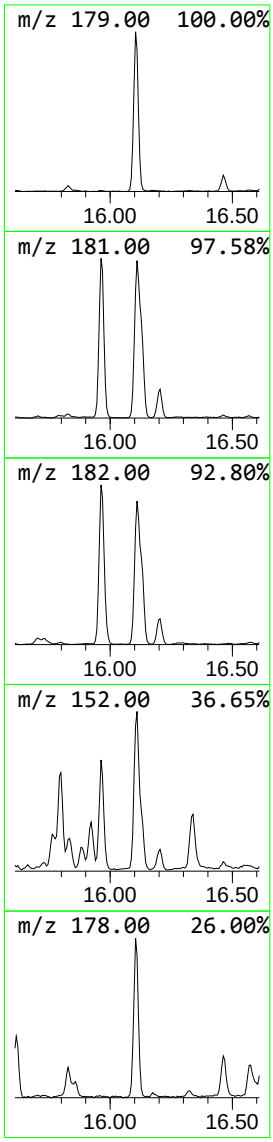
Peak Number 28 Phenanthridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	5.52 ng/ul	1469430	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	50





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Sample : 01810-02
Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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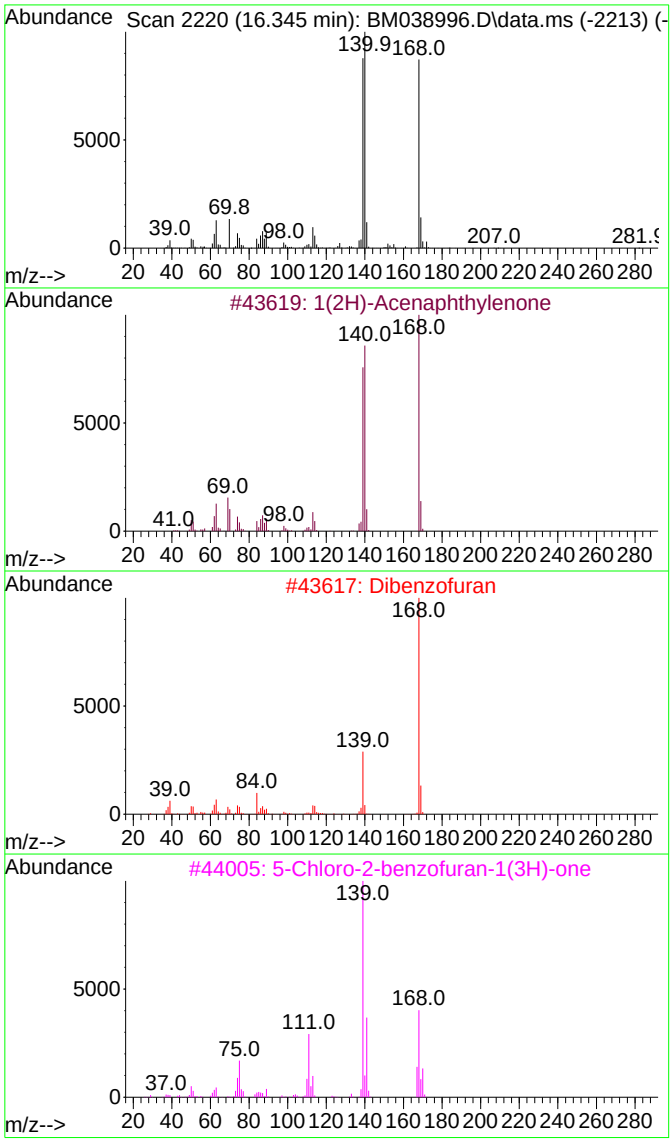
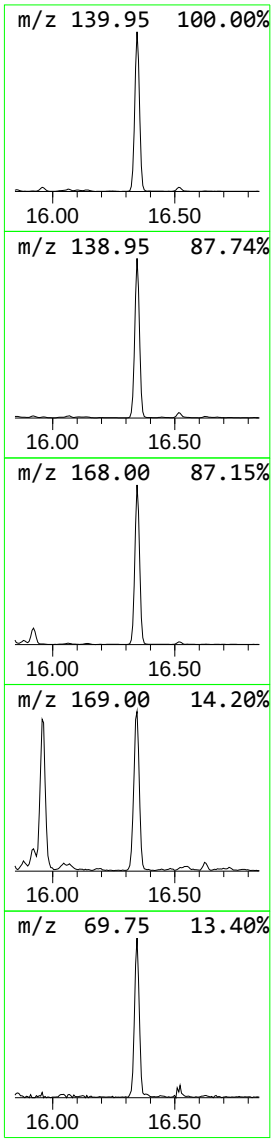
Peak Number 29 1(2H)-Acenaphthylenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	12.39 ng/ul	3297300	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	5-Chloro-2-benzofuran-1(3H)-one	168	C8H5ClO2	054109-03-4	52
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50





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Acq On : 13 Mar 2023 18:55
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Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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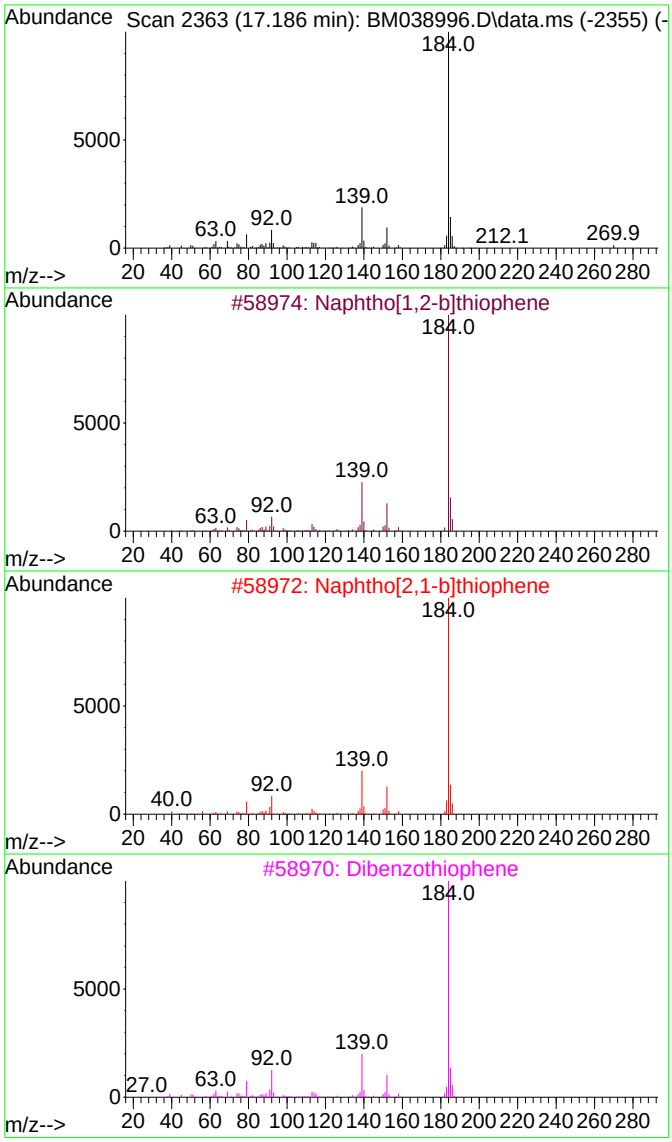
Quant Title : SVOA CALIBRATION

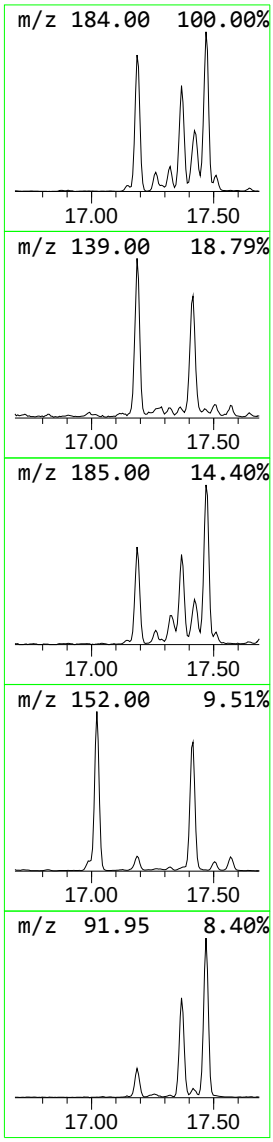
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphtho[1,2-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	4.24 ng/ul	1127220	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 13 Mar 2023 18:55
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Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

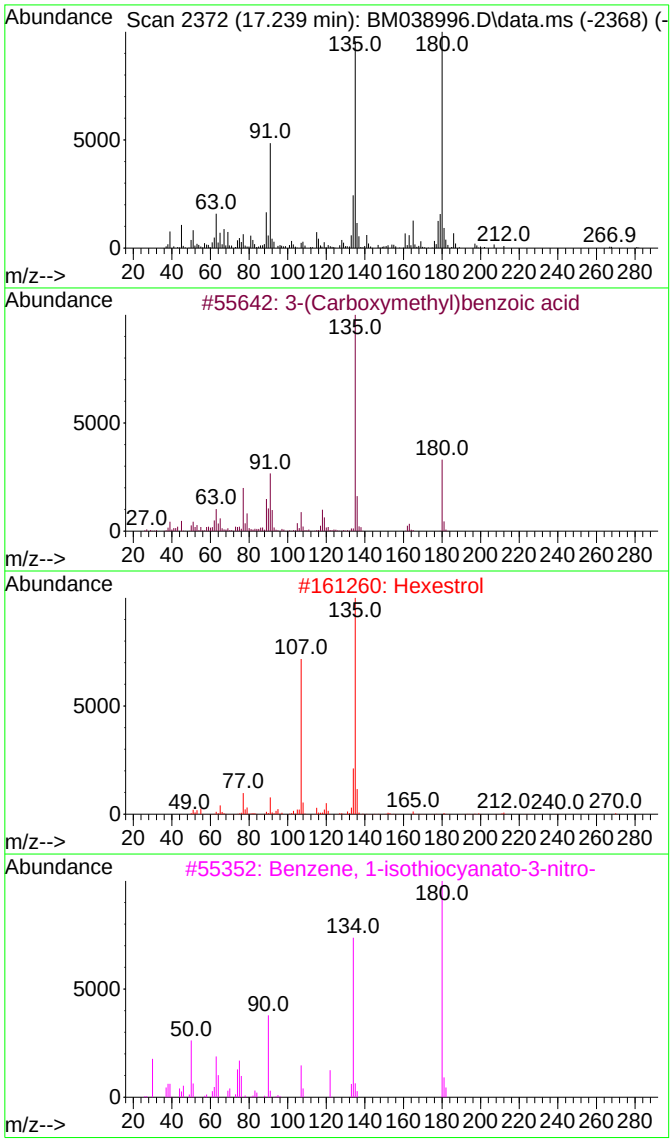
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

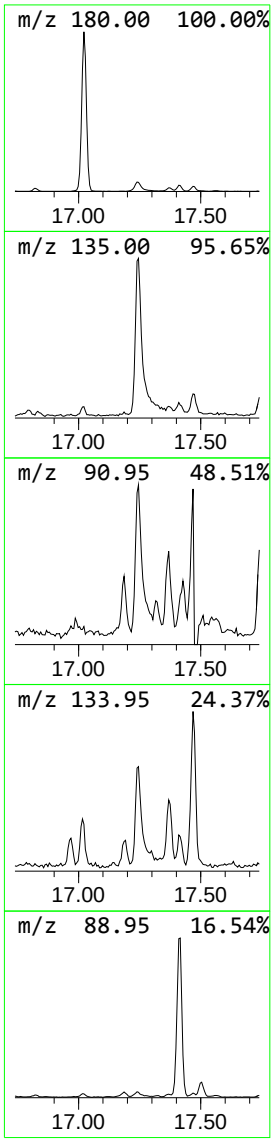
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 3-(Carboxymethyl)benzoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	2.76 ng/ul	733724	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Carboxymethyl)benzoic acid	180	C9H8O4	1000481-02-3	62
2	Hexestrol	270	C18H22O2	000084-16-2	35
3	Benzene, 1-isothiocyanato-3-nitro-	180	C7H4N2O2S	003529-82-6	35
4	6-Methyl-1-propyl-1,2,3,4-tetrah...	178	C11H18N2	1000305-41-3	30
5	Bicyclo[2.2.1]heptane-2,3-dione,...	181	C10H15NO2	000663-17-2	30





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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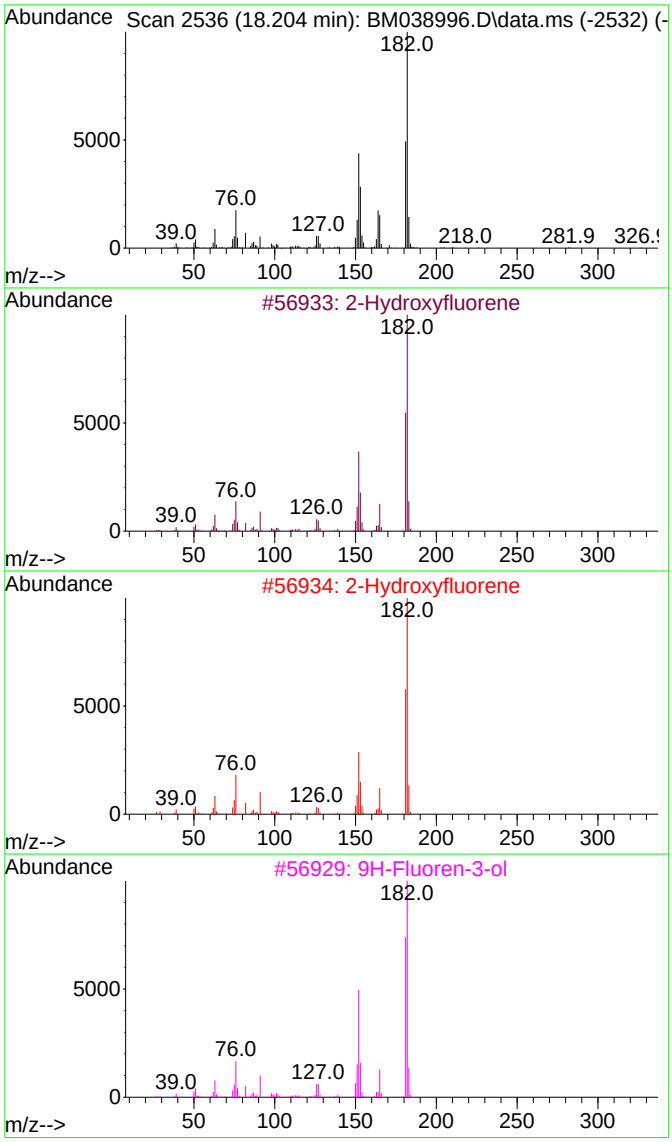
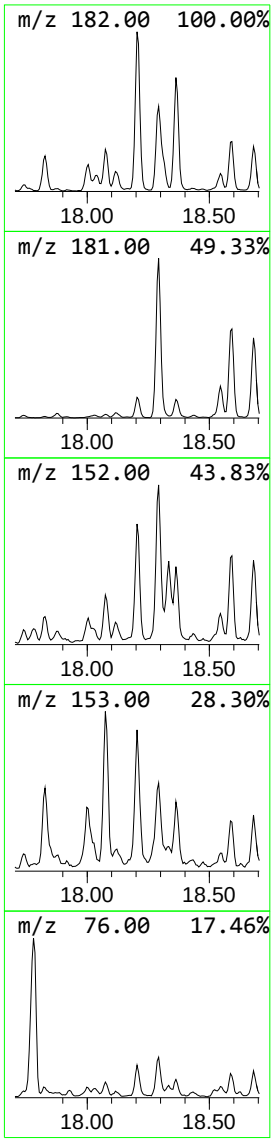
Peak Number 33 2-Hydroxyfluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.35 ng/ul	626575	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	53





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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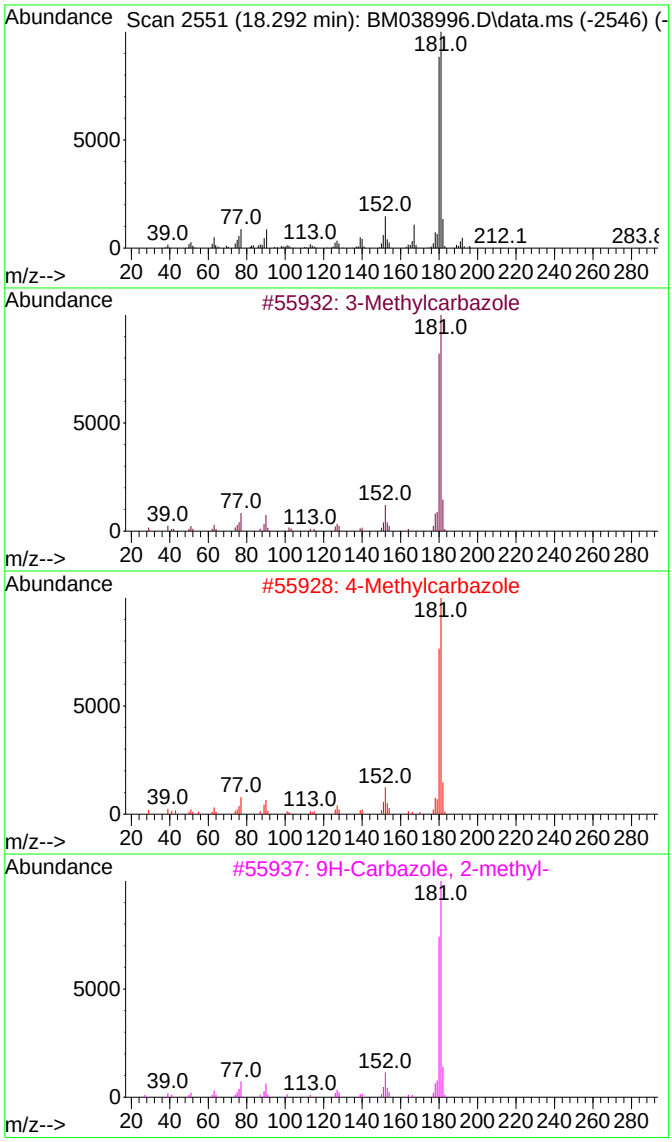
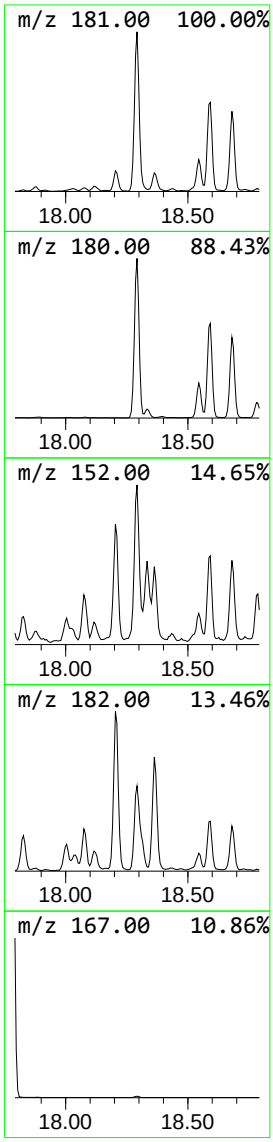
Peak Number 34 3-Methylcarbazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	7.81 ng/ul	2079160	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	4-Methylcarbazole	181	C13H11N	003770-48-7	95
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
4	3-Methylcarbazole	181	C13H11N	004630-20-0	94
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94





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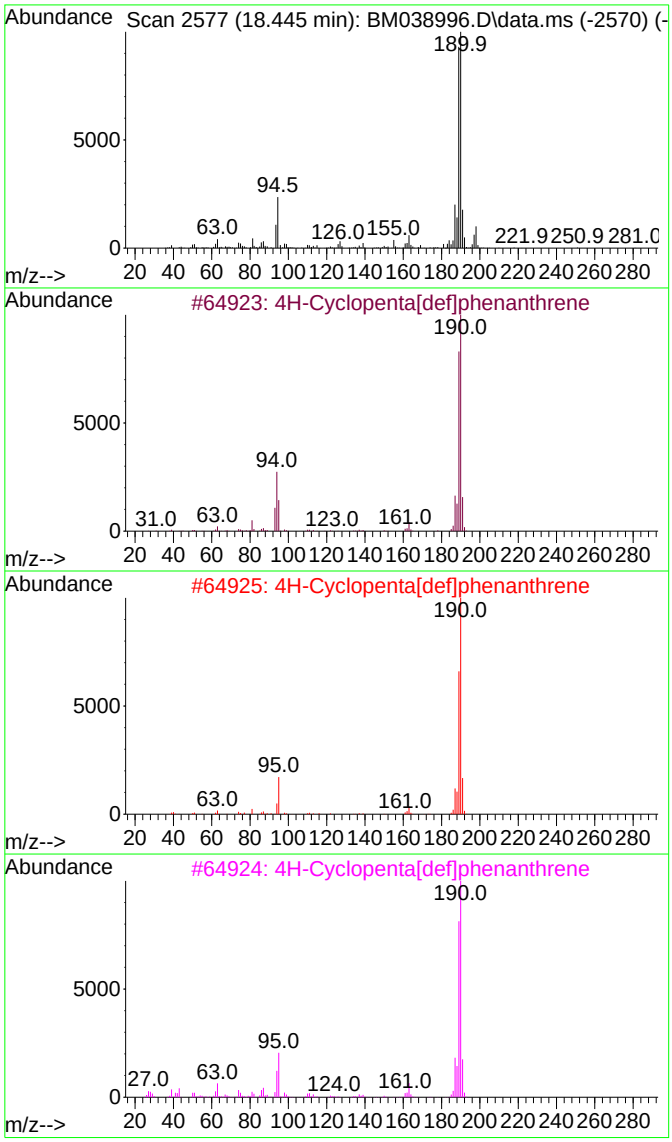
Quant Title : SVOA CALIBRATION

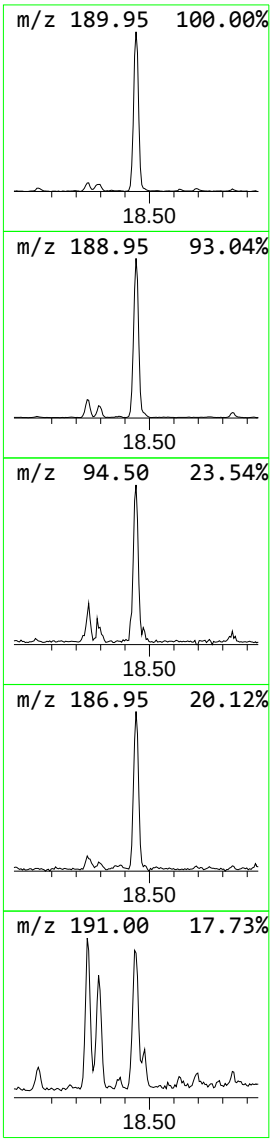
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 4H-Cyclopenta[def]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.16 ng/ul	840975	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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Sample : 01810-02
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ClientSampleId :
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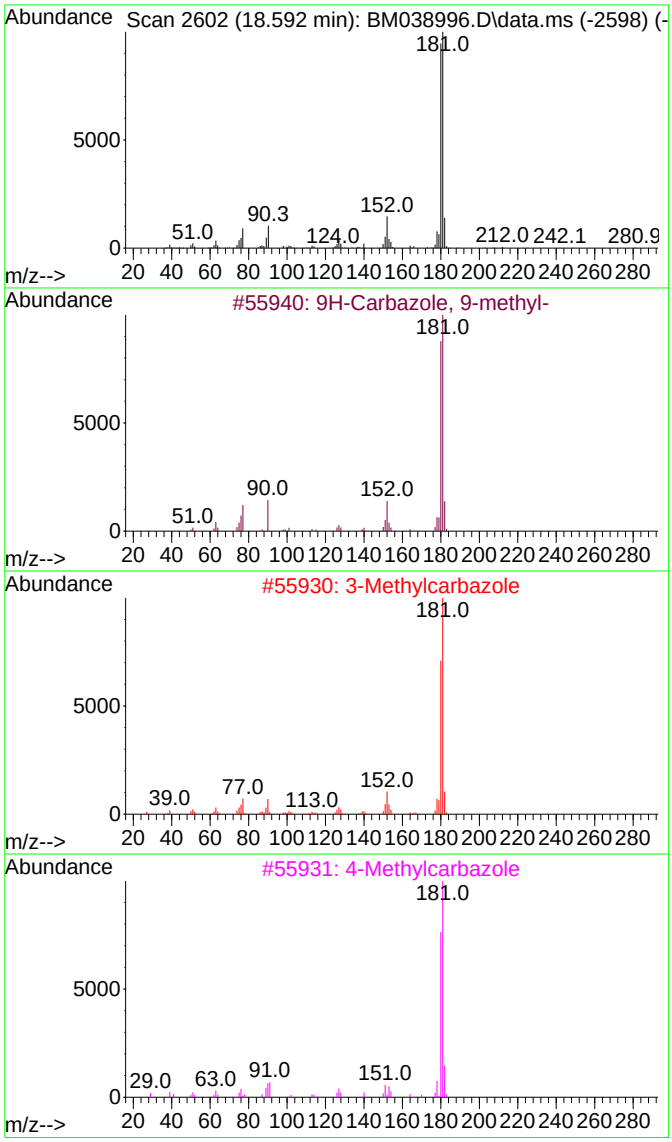
Quant Title : SVOA CALIBRATION

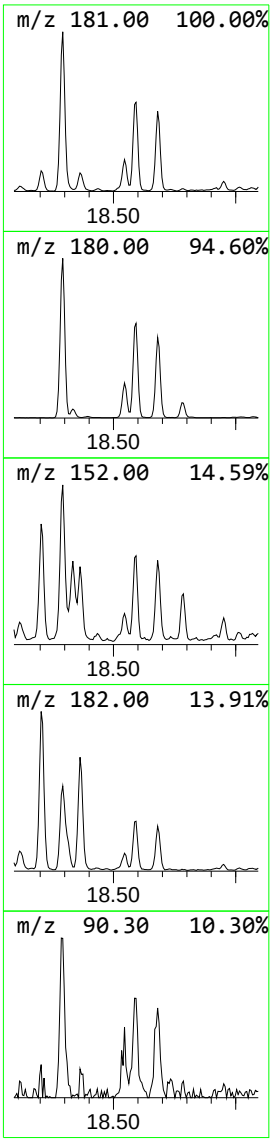
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 9H-Carbazole, 9-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	3.89 ng/ul	1034910	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	4-Methylcarbazole	181	C13H11N	003770-48-7	95
4	4-Methylcarbazole	181	C13H11N	003770-48-7	95
5	3-Methylcarbazole	181	C13H11N	004630-20-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

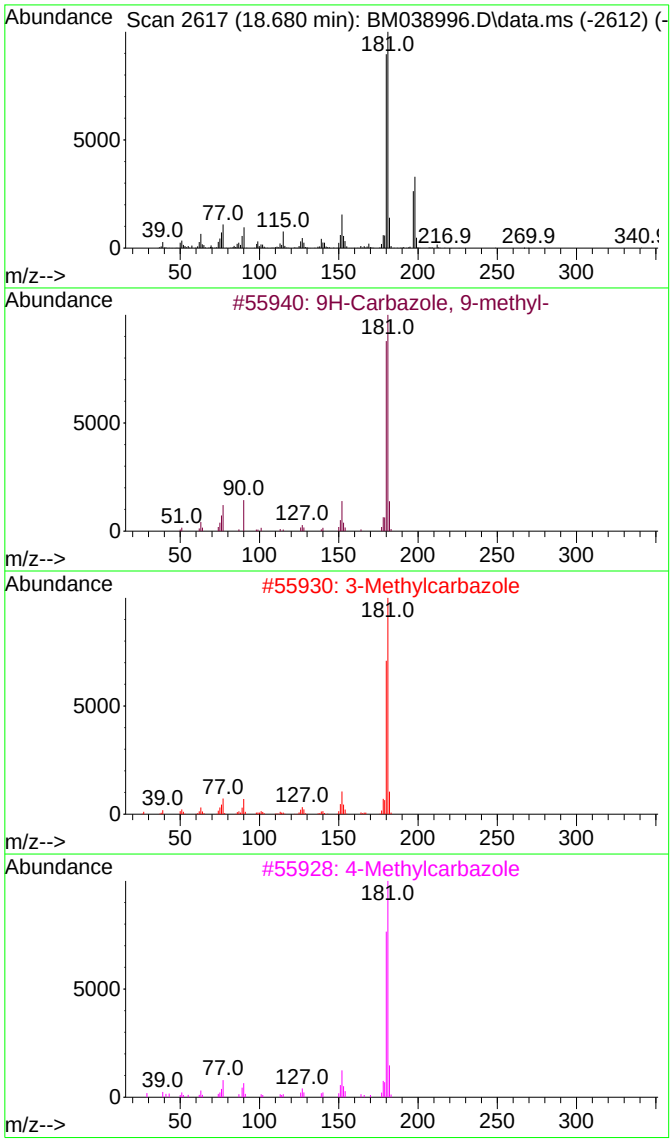
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

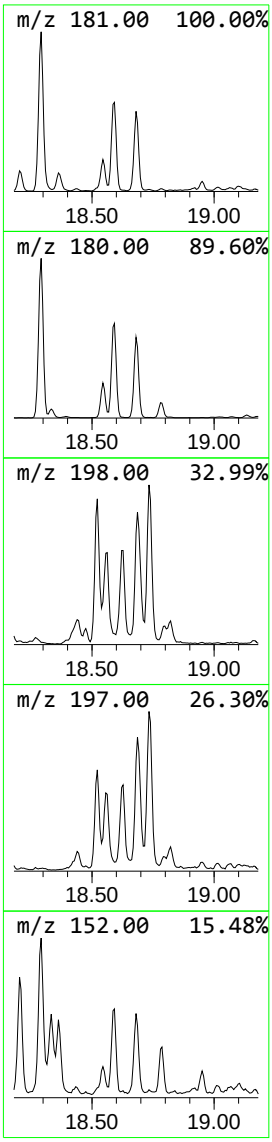
****

Peak Number 38 4-Methylcarbazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	5.08 ng/ul	1352230	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	91
3	4-Methylcarbazole	181	C13H11N	003770-48-7	91
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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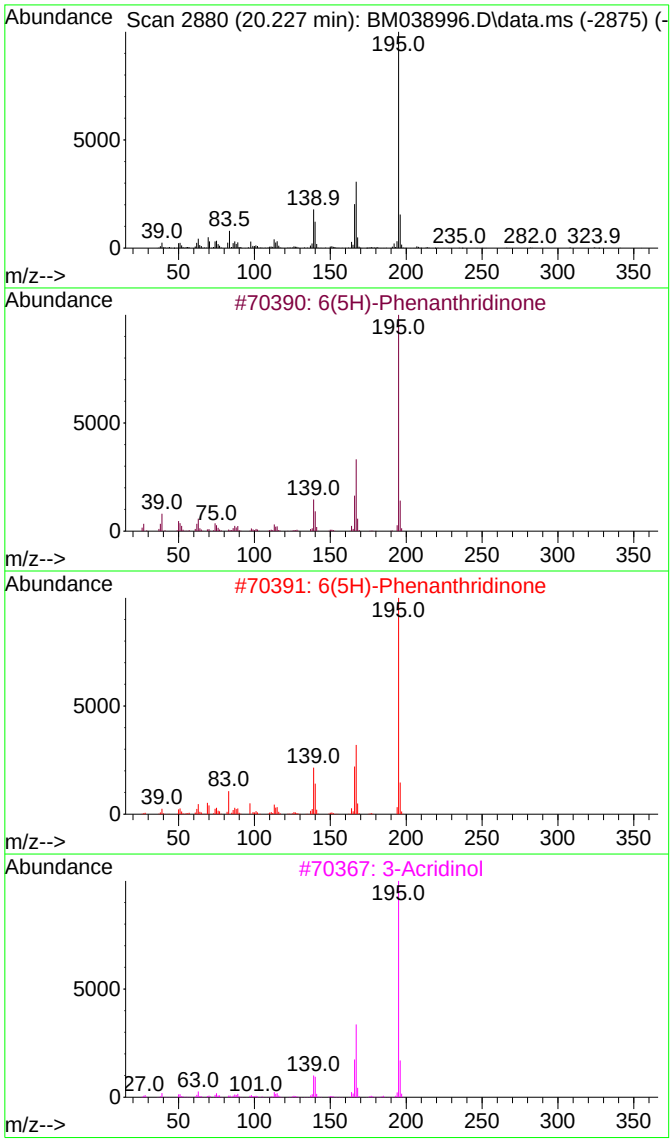
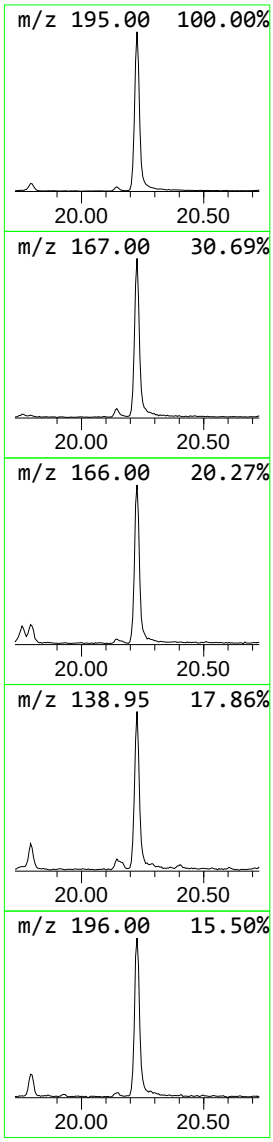
Peak Number 39 6(5H)-Phenanthridinone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	4.68 ng/ul	1200940	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	3-Acridinol	195	C13H9NO	007132-70-9	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038996.D
Acq On : 13 Mar 2023 18:55
Operator : CG/JU
Sample : 01810-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
p-Xylene	5.981	2.4	ng/ul	224956	1	7.987	1862980	20.0
Mesitylene	7.634	4.6	ng/ul	426361	1	7.987	1862980	20.0
Benzofuran	7.705	3.2	ng/ul	300827	1	7.987	1862980	20.0
Indane	8.363	17.5	ng/ul	1634050	1	7.987	1862980	20.0
Indene	8.528	63.5	ng/ul	5915130	1	7.987	1862980	20.0
Benzofuran, 2-m...	9.351	4.9	ng/ul	459184	1	7.987	1862980	20.0
2-Propenal, 3-p...	9.475	9.6	ng/ul	1333910	2	10.804	2766730	20.0
Benzene, 1-ethe...	10.046	2.5	ng/ul	343571	2	10.804	2766730	20.0
Benzene, 2-ethe...	10.198	7.0	ng/ul	961914	2	10.804	2766730	20.0
2-Methylindene	10.299	3.1	ng/ul	428759	2	10.804	2766730	20.0
Benzo[b]thiophe...	11.910	6.4	ng/ul	888446	2	10.804	2766730	20.0
Benzo[b]thiophe...	12.351	7.0	ng/ul	961451	2	10.804	2766730	20.0
3-Methylbenzoth...	12.575	3.9	ng/ul	540205	2	10.804	2766730	20.0
1-Phenyl-1-cycl...	13.098	2.6	ng/ul	607408	3	14.628	4716580	20.0
Naphthalene, 2-...	13.657	5.2	ng/ul	1217740	3	14.628	4716580	20.0
Naphthalene, 1,...	13.804	5.5	ng/ul	1292270	3	14.628	4716580	20.0
Naphthalene, 2,...	13.945	6.5	ng/ul	1520250	3	14.628	4716580	20.0
2-Naphthaleneca...	14.757	34.0	ng/ul	8022240	3	14.628	4716580	20.0
Naphthalene, 1-...	15.792	2.9	ng/ul	689857	3	14.628	4716580	20.0
2,4,6-Cyclohept...	15.963	4.0	ng/ul	956125	3	14.628	4716580	20.0
Phenanthridine	16.110	5.5	ng/ul	1469430	4	17.369	5322140	20.0
1(2H)-Acenaphth...	16.345	12.4	ng/ul	3297300	4	17.369	5322140	20.0
Naphtho[1,2-b]t...	17.186	4.2	ng/ul	1127220	4	17.369	5322140	20.0
3-(Carboxymethy...	17.239	2.8	ng/ul	733724	4	17.369	5322140	20.0
2-Hydroxyfluorene	18.204	2.4	ng/ul	626575	4	17.369	5322140	20.0
3-Methylcarbazole	18.292	7.8	ng/ul	2079160	4	17.369	5322140	20.0
4H-Cyclopenta[d...	18.445	3.2	ng/ul	840975	4	17.369	5322140	20.0
9H-Carbazole, 9...	18.592	3.9	ng/ul	1034910	4	17.369	5322140	20.0
4-Methylcarbazole	18.680	5.1	ng/ul	1352230	4	17.369	5322140	20.0
6(5H)-Phenanthr...	20.227	4.7	ng/ul	1200940	5	21.551	5127440	20.0